

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
 Data File : VN076979.D
 Acq On : 14 Mar 2023 13:44
 Operator : JC\MD
 Sample : VN0314WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2023
 Supervised By : Mahesh Dadoda 03/15/2023

Quant Time: Mar 15 04:20:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	276982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	419136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	373588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	181932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	203958	49.345	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.680%		
35) Dibromofluoromethane	8.172	113	135526	48.516	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.040%		
50) Toluene-d8	10.572	98	482411	46.859	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.720%		
62) 4-Bromofluorobenzene	12.854	95	192815	51.204	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	104344	20.915	ug/l	100
3) Chloromethane	2.378	50	35420	13.120	ug/l	100
4) Vinyl Chloride	2.531	62	40597	16.200	ug/l	91
5) Bromomethane	2.966	94	38399	20.832	ug/l	94
6) Chloroethane	3.131	64	26330	16.551	ug/l	96
7) Trichlorofluoromethane	3.513	101	140925	21.673	ug/l	96
8) Diethyl Ether	3.978	74	34537	16.509	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.390	101	58785	17.695	ug/l	90
10) Methyl Iodide	4.607	142	55719	16.025	ug/l #	76
11) Tert butyl alcohol	5.531	59	51619	89.774	ug/l	99
12) 1,1-Dichloroethene	4.360	96	50402	16.463	ug/l #	82
13) Acrolein	4.202	56	31035	60.049	ug/l	99
14) Allyl chloride	5.049	41	63134	14.374	ug/l	89
15) Acrylonitrile	5.731	53	113059	69.574	ug/l	95
16) Acetone	4.437	43	138685	96.828	ug/l #	87
17) Carbon Disulfide	4.725	76	132645	15.640	ug/l	100
18) Methyl Acetate	5.037	43	72308	13.689	ug/l	95
19) Methyl tert-butyl Ether	5.813	73	208946	19.193	ug/l	94
20) Methylene Chloride	5.284	84	58497	15.884	ug/l	94
21) trans-1,2-Dichloroethene	5.801	96	57162	17.612	ug/l	93
22) Diisopropyl ether	6.684	45	143408	14.758	ug/l	97
23) Vinyl Acetate	6.613	43	471618	78.815	ug/l	98
24) 1,1-Dichloroethane	6.584	63	101357	16.330	ug/l	98
25) 2-Butanone	7.490	43	154655	75.921	ug/l	93
26) 2,2-Dichloropropane	7.501	77	117828	21.451	ug/l	94
27) cis-1,2-Dichloroethene	7.495	96	66919	17.867	ug/l	89
28) Bromochloromethane	7.819	49	38881	17.317	ug/l	92
29) Tetrahydrofuran	7.843	42	89132	70.593	ug/l	99
30) Chloroform	7.972	83	127348	19.095	ug/l	99
31) Cyclohexane	8.266	56	85396	14.400	ug/l	98
32) 1,1,1-Trichloroethane	8.178	97	137186	21.941	ug/l	94
36) 1,1-Dichloropropene	8.372	75	87066	20.153	ug/l	94
37) Ethyl Acetate	7.572	43	62006	17.947	ug/l	96
38) Carbon Tetrachloride	8.372	117	126952	25.107	ug/l	98
39) Methylcyclohexane	9.607	83	100819	19.224	ug/l	94
40) Benzene	8.613	78	232197	18.233	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
 Data File : VN076979.D
 Acq On : 14 Mar 2023 13:44
 Operator : JC\MD
 Sample : VN0314WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2023
 Supervised By : Mahesh Dadoda 03/15/2023

Quant Time: Mar 15 04:20:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	33955	16.516	ug/l	90
42) 1,2-Dichloroethane	8.678	62	111846	22.517	ug/l	92
43) Isopropyl Acetate	8.695	43	107907	17.693	ug/l	95
44) Trichloroethene	9.354	130	67091	20.386	ug/l	95
45) 1,2-Dichloropropane	9.625	63	52415	16.729	ug/l	99
46) Dibromomethane	9.713	93	44501	20.336	ug/l	92
47) Bromodichloromethane	9.889	83	101356	21.833	ug/l	97
48) Methyl methacrylate	9.689	41	51499	17.233	ug/l	87
49) 1,4-Dioxane	9.695	88	21784	384.982	ug/l #	93
51) 4-Methyl-2-Pentanone	10.448	43	309040	84.350	ug/l	94
52) Toluene	10.631	92	156205	19.930	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	100426	21.699	ug/l	94
54) cis-1,3-Dichloropropene	10.319	75	100419	19.757	ug/l #	87
55) 1,1,2-Trichloroethane	11.019	97	59433	19.490	ug/l	92
56) Ethyl methacrylate	10.878	69	89127	19.269	ug/l #	84
57) 1,3-Dichloropropane	11.166	76	98924	18.397	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	109985	74.673	ug/l	96
59) 2-Hexanone	11.195	43	234447	87.762	ug/l	90
60) Dibromochloromethane	11.360	129	76629	22.808	ug/l	99
61) 1,2-Dibromoethane	11.472	107	61301	20.057	ug/l	96
64) Tetrachloroethene	11.107	164	69138	22.866	ug/l	96
65) Chlorobenzene	11.895	112	162162	19.406	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	73432	22.510	ug/l	92
67) Ethyl Benzene	11.966	91	315174	20.511	ug/l	94
68) m/p-Xylenes	12.072	106	232401	40.240	ug/l	83
69) o-Xylene	12.401	106	115760	20.646	ug/l	81
70) Styrene	12.413	104	187356	20.684	ug/l #	87
71) Bromoform	12.583	173	56575	23.931	ug/l #	99
73) Isopropylbenzene	12.695	105	324037	19.988	ug/l	95
74) N-amyl acetate	12.495	43	87621	16.324	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.942	83	74683	15.656	ug/l	97
76) 1,2,3-Trichloropropane	12.995	75	97774m	22.167	ug/l	
77) Bromobenzene	12.983	156	73805	20.365	ug/l	100
78) n-propylbenzene	13.036	91	355388	19.686	ug/l	98
79) 2-Chlorotoluene	13.130	91	229406	19.596	ug/l	94
80) 1,3,5-Trimethylbenzene	13.177	105	285307	20.660	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.742	75	28754	21.294	ug/l	91
82) 4-Chlorotoluene	13.225	91	224189	20.267	ug/l	93
83) tert-Butylbenzene	13.442	119	243636	20.767	ug/l	88
84) 1,2,4-Trimethylbenzene	13.483	105	286654	20.748	ug/l	91
85) sec-Butylbenzene	13.619	105	323307	20.105	ug/l	99
86) p-Isopropyltoluene	13.730	119	284093	21.877	ug/l	92
87) 1,3-Dichlorobenzene	13.736	146	134211	20.319	ug/l	97
88) 1,4-Dichlorobenzene	13.819	146	132317	19.970	ug/l	95
89) n-Butylbenzene	14.060	91	215561	19.892	ug/l	99
90) Hexachloroethane	14.336	117	50826	20.369	ug/l	74
91) 1,2-Dichlorobenzene	14.107	146	130308	19.639	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	23192	22.021	ug/l	77
93) 1,2,4-Trichlorobenzene	15.395	180	78273	21.222	ug/l	97
94) Hexachlorobutadiene	15.507	225	49028	24.950	ug/l	99
95) Naphthalene	15.642	128	226533	20.630	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	77288	21.580	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
Data File : VN076979.D
Acq On : 14 Mar 2023 13:44
Operator : JC\MD
Sample : VN0314WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

Quant Time: Mar 15 04:20:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
 Data File : VN076979.D
 Acq On : 14 Mar 2023 13:44
 Operator : JC\MD
 Sample : VN0314WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS01

Manual Integrations APPROVED

Reviewed By : John Carlone 03/15/2023
 Supervised By : Mahesh Dadoda 03/15/2023

Quant Time: Mar 15 04:20:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

