

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031022\
 Data File : VN071231.D
 Acq On : 10 Mar 2022 15:23
 Operator : JC\MD
 Sample : VN0310WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/11/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 11 02:11:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	682478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1130401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	990197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	405026	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	408675	43.692	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.380%
35) Dibromofluoromethane	8.016	113	309890	43.443	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	86.880%
50) Toluene-d8	10.439	98	1223468	42.599	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	85.200%
62) 4-Bromofluorobenzene	12.727	95	400902	41.222	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	82.440%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.069	85	122994	16.444	ug/l	97
3) Chloromethane	2.298	50	183497	18.252	ug/l	98
4) Vinyl Chloride	2.440	62	157317	17.162	ug/l	98
5) Bromomethane	2.846	94	88695	17.824	ug/l	100
6) Chloroethane	3.010	64	97663	17.593	ug/l	100
7) Trichlorofluoromethane	3.375	101	206180	17.089	ug/l	99
8) Diethyl Ether	3.822	74	89396	17.315	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.204	101	118076	16.906	ug/l	95
10) Methyl Iodide	4.422	142	147968	14.999	ug/l	100
11) Tert butyl alcohol	5.357	59	157092	85.493	ug/l	98
12) 1,1-Dichloroethene	4.181	96	119511	17.467	ug/l	94
13) Acrolein	4.040	56	116865	60.089	ug/l	97
14) Allyl chloride	4.840	41	249710	16.780	ug/l #	86
15) Acrylonitrile	5.551	53	476379	87.312	ug/l	98
16) Acetone	4.287	43	401408	88.199	ug/l	97
17) Carbon Disulfide	4.528	76	301547	15.481	ug/l	100
18) Methyl Acetate	4.851	43	257735	21.358	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	447989	17.439	ug/l	93
20) Methylene Chloride	5.092	84	148603	18.111	ug/l	90
21) trans-1,2-Dichloroethene	5.592	96	125739	16.801	ug/l	90
22) Diisopropyl ether	6.492	45	511338	17.441	ug/l	94
23) Vinyl Acetate	6.428	43	2227329	89.740	ug/l	98
24) 1,1-Dichloroethane	6.386	63	267260	17.252	ug/l	98
25) 2-Butanone	7.328	43	649966	88.655	ug/l	96
26) 2,2-Dichloropropane	7.328	77	216844	18.143	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	154396	17.382	ug/l	91
28) Bromochloromethane	7.651	49	121338	17.588	ug/l	83
29) Tetrahydrofuran	7.680	42	447489	88.105	ug/l	92
30) Chloroform	7.816	83	257662	17.438	ug/l	96
31) Cyclohexane	8.092	56	255319	17.093	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	219708	17.456	ug/l	96
36) 1,1-Dichloropropene	8.222	75	190769	16.692	ug/l	97
37) Ethyl Acetate	7.410	43	268309	17.058	ug/l	97
38) Carbon Tetrachloride	8.204	117	188011	17.007	ug/l	99
39) Methylcyclohexane	9.457	83	227198	16.898	ug/l	95
40) Benzene	8.457	78	595263	17.287	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031022\
 Data File : VN071231.D
 Acq On : 10 Mar 2022 15:23
 Operator : JC\MD
 Sample : VN0310WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/11/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 11 02:11:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	136626	17.749	ug/l	87
42) 1,2-Dichloroethane	8.527	62	210147	17.537	ug/l	100
43) Isopropyl Acetate	8.557	43	586202	24.922	ug/l #	84
44) Trichloroethene	9.210	130	142039	17.482	ug/l	100
45) 1,2-Dichloropropane	9.486	63	157661	17.056	ug/l	98
46) Dibromomethane	9.574	93	97850	17.199	ug/l	98
47) Bromodichloromethane	9.757	83	196977	17.132	ug/l	98
48) Methyl methacrylate	9.557	41	193989	17.797	ug/l #	82
49) 1,4-Dioxane	9.569	88	66709	352.081	ug/l #	84
51) 4-Methyl-2-Pentanone	10.327	43	1281921	87.818	ug/l	100
52) Toluene	10.504	92	364039	17.168	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	216114	17.051	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	234746	16.951	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	140865	16.579	ug/l	96
56) Ethyl methacrylate	10.757	69	238775	17.208	ug/l	90
57) 1,3-Dichloropropane	11.039	76	262273	17.197	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.069	63	54	27.882	ug/l #	45
59) 2-Hexanone	11.080	43	922423	92.612	ug/l	100
60) Dibromochloromethane	11.233	129	148320	17.569	ug/l	100
61) 1,2-Dibromoethane	11.339	107	146812	16.906	ug/l	100
64) Tetrachloroethene	10.974	164	122966	17.806	ug/l	97
65) Chlorobenzene	11.763	112	374375	17.605	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	140170	17.977	ug/l	99
67) Ethyl Benzene	11.839	91	673537	17.914	ug/l	96
68) m/p-Xylenes	11.951	106	512954	37.293	ug/l	97
69) o-Xylene	12.274	106	253001	18.350	ug/l	97
70) Styrene	12.292	104	394378	18.478	ug/l	98
71) Bromoform	12.451	173	105009	17.734	ug/l #	100
73) Isopropylbenzene	12.574	105	646078	16.548	ug/l	100
74) N-amyl acetate	12.380	43	259617	17.685	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	225673	17.800	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	202965m	18.922	ug/l	
77) Bromobenzene	12.857	156	149048	16.371	ug/l	80
78) n-propylbenzene	12.915	91	713793	17.037	ug/l	97
79) 2-Chlorotoluene	13.004	91	441458	16.414	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	518282	17.062	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	65687	17.532	ug/l	95
82) 4-Chlorotoluene	13.098	91	417094	17.411	ug/l	94
83) tert-Butylbenzene	13.321	119	460782	16.998	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	513980	17.665	ug/l	100
85) sec-Butylbenzene	13.498	105	615254	17.075	ug/l	99
86) p-Isopropyltoluene	13.610	119	504880	17.817	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	253615	17.144	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	246575	17.052	ug/l	96
89) n-Butylbenzene	13.939	91	387236	17.472	ug/l	96
90) Hexachloroethane	14.209	117	87606	15.546	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	250900	17.641	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	41611	18.317	ug/l	85
93) 1,2,4-Trichlorobenzene	15.256	180	110251	18.606	ug/l	97
94) Hexachlorobutadiene	15.362	225	69757	17.472	ug/l	100
95) Naphthalene	15.504	128	297401	19.462	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	107212	18.671	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031022\
Data File : VN071231.D
Acq On : 10 Mar 2022 15:23
Operator : JC\MD
Sample : VN0310WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

Quant Time: Mar 11 02:11:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

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

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

Manual Integrations APPROVED

Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

Quant Time: Mar 11 02:11:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

