

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
 Data File : VN071824.D
 Acq On : 04 Apr 2022 11:39
 Operator : JC\MD
 Sample : VN0404WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0404WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/05/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 05 01:16:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.087	168	532546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	846147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	747370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	285257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	310471	51.067	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.140%			
35) Dibromofluoromethane	8.022	113	257350	51.686	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.380%			
50) Toluene-d8	10.439	98	1040661	51.092	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.180%			
62) 4-Bromofluorobenzene	12.727	95	318118	48.292	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	77417	18.286	ug/l	100
3) Chloromethane	2.305	50	99818	18.606	ug/l	99
4) Vinyl Chloride	2.446	62	108246	18.373	ug/l	100
5) Bromomethane	2.846	94	69559	18.162	ug/l	99
6) Chloroethane	3.016	64	73563	17.356	ug/l	97
7) Trichlorofluoromethane	3.381	101	135809	18.118	ug/l	98
8) Diethyl Ether	3.828	74	62148	19.618	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.216	101	88089	19.070	ug/l	99
10) Methyl Iodide	4.422	142	105151	16.285	ug/l	99
11) Tert butyl alcohol	5.363	59	96875	98.188	ug/l	99
12) 1,1-Dichloroethene	4.181	96	82348	18.734	ug/l	97
13) Acrolein	4.040	56	121096	100.662	ug/l	99
14) Allyl chloride	4.840	41	145505	20.395	ug/l	95
15) Acrylonitrile	5.551	53	309755	108.012	ug/l	99
16) Acetone	4.287	43	263521	101.424	ug/l	96
17) Carbon Disulfide	4.534	76	184055	18.249	ug/l	98
18) Methyl Acetate	4.857	43	134756	20.037	ug/l	100
19) Methyl tert-butyl Ether	5.616	73	325736	19.947	ug/l	98
20) Methylene Chloride	5.093	84	104146	19.017	ug/l	97
21) trans-1,2-Dichloroethene	5.598	96	88376	18.315	ug/l	99
22) Diisopropyl ether	6.493	45	326145	20.998	ug/l	99
23) Vinyl Acetate	6.434	43	1311819	106.210	ug/l	98
24) 1,1-Dichloroethane	6.387	63	184105	20.191	ug/l	99
25) 2-Butanone	7.334	43	398969	106.515	ug/l	97
26) 2,2-Dichloropropane	7.328	77	150292	19.187	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	115586	19.534	ug/l	99
28) Bromochloromethane	7.657	49	78220	21.266	ug/l	96
29) Tetrahydrofuran	7.681	42	267745	110.394	ug/l	97
30) Chloroform	7.822	83	186911	19.414	ug/l	97
31) Cyclohexane	8.092	56	154551	18.693	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	155010	18.820	ug/l	98
36) 1,1-Dichloropropene	8.222	75	128650	18.503	ug/l	99
37) Ethyl Acetate	7.410	43	158149	20.781	ug/l	98
38) Carbon Tetrachloride	8.204	117	130380	19.133	ug/l	99
39) Methylcyclohexane	9.457	83	154638	18.683	ug/l	97
40) Benzene	8.457	78	426166	19.402	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
 Data File : VN071824.D
 Acq On : 04 Apr 2022 11:39
 Operator : JC\MD
 Sample : VN0404WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0404WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/05/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 05 01:16:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	80663	21.647	ug/l	91
42) 1,2-Dichloroethane	8.528	62	143226	18.850	ug/l	98
43) Isopropyl Acetate	8.557	43	235276	18.586	ug/l	98
44) Trichloroethene	9.216	130	108757	19.219	ug/l	96
45) 1,2-Dichloropropane	9.486	63	108642	19.799	ug/l	99
46) Dibromomethane	9.575	93	73228	19.655	ug/l	97
47) Bromodichloromethane	9.757	83	152172	20.750	ug/l	96
48) Methyl methacrylate	9.557	41	103628	19.732	ug/l	95
49) 1,4-Dioxane	9.569	88	48034	376.924	ug/l	100
51) 4-Methyl-2-Pentanone	10.328	43	778684	106.993	ug/l	99
52) Toluene	10.504	92	273011	19.663	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	159105	20.700	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	177526	20.904	ug/l	95
55) 1,1,2-Trichloroethane	10.898	97	114287	20.000	ug/l	96
56) Ethyl methacrylate	10.757	69	166769	20.458	ug/l	95
57) 1,3-Dichloropropane	11.039	76	190204	19.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	143706	70.342	ug/l	97
59) 2-Hexanone	11.080	43	544742	106.311	ug/l	99
60) Dibromochloromethane	11.233	129	119973	21.532	ug/l	99
61) 1,2-Dibromoethane	11.345	107	112480	19.997	ug/l	100
64) Tetrachloroethene	10.975	164	93266	18.898	ug/l	95
65) Chlorobenzene	11.769	112	286918	19.172	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	109055	20.195	ug/l	98
67) Ethyl Benzene	11.839	91	495750	19.569	ug/l	99
68) m/p-Xylenes	11.951	106	376168	38.645	ug/l	98
69) o-Xylene	12.275	106	191415	19.812	ug/l	98
70) Styrene	12.292	104	293066	20.020	ug/l	99
71) Bromoform	12.457	173	90237	21.943	ug/l #	100
73) Isopropylbenzene	12.575	105	485031	20.178	ug/l	100
74) N-amyl acetate	12.386	43	141996	20.617	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	168808	21.047	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	145665m	22.043	ug/l	
77) Bromobenzene	12.857	156	113948	18.910	ug/l	96
78) n-propylbenzene	12.916	91	511827	20.242	ug/l	100
79) 2-Chlorotoluene	13.004	91	329981	20.349	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	391597	20.561	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	45384	21.283	ug/l	98
82) 4-Chlorotoluene	13.104	91	292903	19.487	ug/l	99
83) tert-Butylbenzene	13.322	119	350367	20.125	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	383954	20.662	ug/l	100
85) sec-Butylbenzene	13.498	105	464976	20.603	ug/l	99
86) p-Isopropyltoluene	13.610	119	372953	20.726	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	185312	19.303	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	178081	19.014	ug/l	99
89) n-Butylbenzene	13.939	91	261308	19.579	ug/l	99
90) Hexachloroethane	14.204	117	73114	22.196	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	183513	19.472	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.604	75	27132	21.809	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	74226	17.754	ug/l	99
94) Hexachlorobutadiene	15.363	225	50574	18.194	ug/l	98
95) Naphthalene	15.504	128	187543	17.142	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	73795	18.384	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
Data File : VN071824.D
Acq On : 04 Apr 2022 11:39
Operator : JC\MD
Sample : VN0404WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0404WBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 04/05/2022
Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 05 01:16:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

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

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

