

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
 Data File : VN072043.D
 Acq On : 19 Apr 2022 12:35
 Operator : JC\MD
 Sample : VN0419WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/20/2022
 Supervised By : Mahesh Dadoda 04/20/2022

Quant Time: Apr 20 01:23:44 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	8.080	168	499419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	766652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	766497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	281850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.427	65	261121	45.799	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.600%		
35) Dibromofluoromethane	8.016	113	232873	51.620	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.240%		
50) Toluene-d8	10.433	98	968026	52.454	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.900%		
62) 4-Bromofluorobenzene	12.727	95	303555	50.859	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.063	85	99774	25.129	ug/l	99
3) Chloromethane	2.293	50	106322	21.133	ug/l	100
4) Vinyl Chloride	2.440	62	103196	18.678	ug/l	98
5) Bromomethane	2.810	94	32234	8.975	ug/l	100
6) Chloroethane	2.946	64	70215	17.665	ug/l	96
7) Trichlorofluoromethane	3.328	101	145918	20.758	ug/l	95
8) Diethyl Ether	3.816	74	62716	21.111	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.187	101	90036	20.785	ug/l	98
10) Methyl Iodide	4.404	142	120907	19.967	ug/l	99
11) Tert butyl alcohol	5.387	59	67022	72.437	ug/l #	84
12) 1,1-Dichloroethene	4.163	96	87232	21.161	ug/l	97
13) Acrolein	4.034	56	49159	43.574	ug/l	98
14) Allyl chloride	4.822	41	129349	19.333	ug/l	95
15) Acrylonitrile	5.545	53	294939	109.667	ug/l	98
16) Acetone	4.287	43	202149	82.964	ug/l	94
17) Carbon Disulfide	4.510	76	198444	20.981	ug/l	97
18) Methyl Acetate	4.845	43	125762	19.933	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	308674	20.156	ug/l	97
20) Methylene Chloride	5.081	84	112913	21.986	ug/l	96
21) trans-1,2-Dichloroethene	5.581	96	94765	20.941	ug/l	91
22) Diisopropyl ether	6.486	45	293627	20.159	ug/l	96
23) Vinyl Acetate	6.422	43	1210979	104.549	ug/l	98
24) 1,1-Dichloroethane	6.381	63	177316	20.737	ug/l	98
25) 2-Butanone	7.333	43	360737	102.696	ug/l	98
26) 2,2-Dichloropropane	7.316	77	143959	19.598	ug/l	97
27) cis-1,2-Dichloroethene	7.316	96	118107	21.283	ug/l	94
28) Bromochloromethane	7.651	49	61745	17.900	ug/l	94
29) Tetrahydrofuran	7.680	42	232206	102.092	ug/l	96
30) Chloroform	7.810	83	184438	20.428	ug/l	97
31) Cyclohexane	8.086	56	159379	20.555	ug/l	97
32) 1,1,1-Trichloroethane	8.004	97	151215	19.577	ug/l	99
36) 1,1-Dichloropropene	8.216	75	129571	20.567	ug/l	98
37) Ethyl Acetate	7.404	43	142464	20.661	ug/l	95
38) Carbon Tetrachloride	8.204	117	127112	20.588	ug/l	96
39) Methylcyclohexane	9.451	83	161854	21.583	ug/l	100
40) Benzene	8.451	78	435891	21.903	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
 Data File : VN072043.D
 Acq On : 19 Apr 2022 12:35
 Operator : JC\MD
 Sample : VN0419WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/20/2022
 Supervised By : Mahesh Dadoda 04/20/2022

Quant Time: Apr 20 01:23:44 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	7.628	41	75408	22.335	ug/l	95
42) 1,2-Dichloroethane	8.527	62	139051	20.199	ug/l	97
43) Isopropyl Acetate	8.557	43	219147	19.107	ug/l	94
44) Trichloroethene	9.210	130	111437	21.735	ug/l	99
45) 1,2-Dichloropropane	9.486	63	108731	21.870	ug/l	99
46) Dibromomethane	9.569	93	73202	21.686	ug/l	99
47) Bromodichloromethane	9.757	83	141556	21.304	ug/l	100
48) Methyl methacrylate	9.557	41	101802	21.394	ug/l	88
49) 1,4-Dioxane	9.569	88	26966	228.216	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	767423	116.379	ug/l	95
52) Toluene	10.498	92	298983	23.767	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	157157	22.567	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	168471	21.895	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	121223	23.414	ug/l	98
56) Ethyl methacrylate	10.757	69	181084	24.517	ug/l	91
57) 1,3-Dichloropropane	11.039	76	201494	23.277	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	271451	128.244	ug/l	100
59) 2-Hexanone	11.080	43	501778	108.081	ug/l	95
60) Dibromochloromethane	11.233	129	120581	23.885	ug/l	99
61) 1,2-Dibromoethane	11.339	107	124162	24.363	ug/l	98
64) Tetrachloroethene	10.974	164	101707	20.094	ug/l	98
65) Chlorobenzene	11.763	112	335419	21.854	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	116548	21.044	ug/l	99
67) Ethyl Benzene	11.839	91	562978	21.668	ug/l	99
68) m/p-Xylenes	11.951	106	441856	44.261	ug/l	99
69) o-Xylene	12.274	106	217559	21.956	ug/l	98
70) Styrene	12.292	104	336709	22.428	ug/l	99
71) Bromoform	12.451	173	85255	20.214	ug/l	100
73) Isopropylbenzene	12.574	105	540633	22.763	ug/l	100
74) N-amyl acetate	12.386	43	137589	20.219	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	163834	20.674	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	124396m	19.052	ug/l	
77) Bromobenzene	12.857	156	128484	21.580	ug/l	96
78) n-propylbenzene	12.915	91	571113	22.860	ug/l	100
79) 2-Chlorotoluene	13.004	91	355126	22.164	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	451821	24.010	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	42379	20.114	ug/l	97
82) 4-Chlorotoluene	13.098	91	320214	21.561	ug/l	100
83) tert-Butylbenzene	13.315	119	385286	22.398	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	436527	23.775	ug/l	99
85) sec-Butylbenzene	13.498	105	508842	22.819	ug/l	100
86) p-Isopropyltoluene	13.610	119	415700	23.381	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	207639	21.890	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	200508	21.667	ug/l	100
89) n-Butylbenzene	13.939	91	291321	22.091	ug/l	99
90) Hexachloroethane	14.204	117	65893	20.246	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	209700	22.519	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	27086	22.036	ug/l	98
93) 1,2,4-Trichlorobenzene	15.256	180	85334	20.316	ug/l	98
94) Hexachlorobutadiene	15.362	225	55956	20.374	ug/l	97
95) Naphthalene	15.504	128	232859	20.566	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	88507	21.799	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
Data File : VN072043.D
Acq On : 19 Apr 2022 12:35
Operator : JC\MD
Sample : VN0419WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

Quant Time: Apr 20 01:23:44 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

