

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041322\
 Data File : VN071974.D
 Acq On : 13 Apr 2022 14:28
 Operator : JC\MD
 Sample : VN0413WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 14 02:31:19 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	8.081	168	487757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	741846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	676822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	270191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	242296	43.513	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.020%		
35) Dibromofluoromethane	8.016	113	212291	48.631	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.260%		
50) Toluene-d8	10.439	98	828464	46.393	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.780%		
62) 4-Bromofluorobenzene	12.727	95	269509	46.665	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.320%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	104169	26.864	ug/l	98
3) Chloromethane	2.299	50	110695	22.528	ug/l	99
4) Vinyl Chloride	2.446	62	113624	21.057	ug/l	95
5) Bromomethane	2.846	94	79833	22.759	ug/l	99
6) Chloroethane	3.010	64	69857	17.995	ug/l	97
7) Trichlorofluoromethane	3.375	101	155699	22.679	ug/l	99
8) Diethyl Ether	3.828	74	68240	23.520	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.210	101	95511	22.576	ug/l	97
10) Methyl Iodide	4.422	142	133713	22.610	ug/l	98
11) Tert butyl alcohol	5.363	59	94214	104.260	ug/l	99
12) 1,1-Dichloroethene	4.181	96	91616	22.756	ug/l	93
13) Acrolein	4.040	56	69055	62.674	ug/l	97
14) Allyl chloride	4.840	41	138835	21.247	ug/l	93
15) Acrylonitrile	5.546	53	302335	115.105	ug/l	99
16) Acetone	4.281	43	220844	92.803	ug/l	94
17) Carbon Disulfide	4.534	76	225138	24.373	ug/l	99
18) Methyl Acetate	4.851	43	131652	21.477	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	336269	22.483	ug/l	98
20) Methylene Chloride	5.093	84	114779	22.883	ug/l	94
21) trans-1,2-Dichloroethene	5.598	96	99527	22.519	ug/l	97
22) Diisopropyl ether	6.493	45	314248	22.090	ug/l	94
23) Vinyl Acetate	6.428	43	1292499	114.255	ug/l	98
24) 1,1-Dichloroethane	6.387	63	185510	22.214	ug/l	100
25) 2-Butanone	7.328	43	362926	105.790	ug/l	96
26) 2,2-Dichloropropane	7.322	77	148282	20.669	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	122211	22.550	ug/l	96
28) Bromochloromethane	7.651	49	60221	17.876	ug/l	97
29) Tetrahydrofuran	7.681	42	250121	112.598	ug/l	97
30) Chloroform	7.816	83	193710	21.967	ug/l	99
31) Cyclohexane	8.092	56	169019	22.320	ug/l #	95
32) 1,1,1-Trichloroethane	8.010	97	160428	21.266	ug/l	97
36) 1,1-Dichloropropene	8.216	75	141005	23.131	ug/l	99
37) Ethyl Acetate	7.404	43	151605	22.721	ug/l	97
38) Carbon Tetrachloride	8.204	117	133966	22.423	ug/l	99
39) Methylcyclohexane	9.457	83	175323	24.161	ug/l	98
40) Benzene	8.457	78	453456	23.547	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041322\
 Data File : VN071974.D
 Acq On : 13 Apr 2022 14:28
 Operator : JC\MD
 Sample : VN0413WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 14 02:31:19 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	66929	20.486	ug/l	92
42) 1,2-Dichloroethane	8.528	62	146101	21.932	ug/l	96
43) Isopropyl Acetate	8.557	43	233466	21.037	ug/l	98
44) Trichloroethene	9.210	130	116014	23.384	ug/l	94
45) 1,2-Dichloropropane	9.486	63	112573	23.400	ug/l	97
46) Dibromomethane	9.575	93	77554	23.743	ug/l	96
47) Bromodichloromethane	9.757	83	150816	23.456	ug/l	98
48) Methyl methacrylate	9.557	41	104106	22.610	ug/l	92
49) 1,4-Dioxane	9.569	88	49241	443.092	ug/l	97
51) 4-Methyl-2-Pentanone	10.328	43	730997	114.562	ug/l	96
52) Toluene	10.498	92	291114	23.915	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	156411	23.211	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	175182	23.528	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	117448	23.443	ug/l	98
56) Ethyl methacrylate	10.757	69	170672	23.880	ug/l	93
57) 1,3-Dichloropropane	11.039	76	194511	23.221	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	188982	97.027	ug/l	100
59) 2-Hexanone	11.080	43	513092	114.213	ug/l	94
60) Dibromochloromethane	11.233	129	118875	24.335	ug/l	100
61) 1,2-Dibromoethane	11.339	107	120241	24.382	ug/l	98
64) Tetrachloroethene	10.975	164	103692	23.201	ug/l	97
65) Chlorobenzene	11.763	112	310840	22.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	111766	22.855	ug/l	100
67) Ethyl Benzene	11.839	91	520928	22.706	ug/l	97
68) m/p-Xylenes	11.945	106	411054	46.631	ug/l	98
69) o-Xylene	12.275	106	206169	23.564	ug/l	94
70) Styrene	12.292	104	315233	23.779	ug/l	99
71) Bromoform	12.451	173	90368	24.266	ug/l #	99
73) Isopropylbenzene	12.574	105	509463	22.376	ug/l	99
74) N-amyl acetate	12.380	43	138351	21.208	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.822	83	175037	23.041	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	130216m	20.804	ug/l	
77) Bromobenzene	12.857	156	126383	22.143	ug/l	96
78) n-propylbenzene	12.916	91	539697	22.534	ug/l	99
79) 2-Chlorotoluene	13.004	91	343688	22.376	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	414961	23.003	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	45502	22.528	ug/l	96
82) 4-Chlorotoluene	13.104	91	317098	22.273	ug/l	99
83) tert-Butylbenzene	13.321	119	366240	22.210	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	406179	23.077	ug/l	99
85) sec-Butylbenzene	13.498	105	488057	22.832	ug/l	100
86) p-Isopropyltoluene	13.610	119	399054	23.413	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	203977	22.432	ug/l	100
88) 1,4-Dichlorobenzene	13.686	146	199487	22.487	ug/l	99
89) n-Butylbenzene	13.939	91	268225	21.218	ug/l	99
90) Hexachloroethane	14.204	117	70405	22.565	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	198911	22.282	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	26324	22.340	ug/l	96
93) 1,2,4-Trichlorobenzene	15.257	180	86542	21.372	ug/l	98
94) Hexachlorobutadiene	15.363	225	57567	21.865	ug/l	100
95) Naphthalene	15.504	128	218977	20.247	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	89583	22.882	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041322\
Data File : VN071974.D
Acq On : 13 Apr 2022 14:28
Operator : JC\MD
Sample : VN0413WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS02

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

Quant Time: Apr 14 02:31:19 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

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

[illegible]