

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120421\
 Data File : VN069762.D
 Acq On : 4 Dec 2021 13:49
 Operator : JC/MD
 Sample : VN1204WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/06/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 16:11:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1014157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1644433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1492594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	619130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	785534	50.166	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.340%			
35) Dibromofluoromethane	8.021	113	531570	51.607	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.220%			
50) Toluene-d8	10.440	98	2081761	50.333	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.660%			
62) 4-Bromofluorobenzene	12.731	95	725990	48.452	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	248720	21.027	ug/l	99
3) Chloromethane	2.303	50	282301	19.050	ug/l	95
4) Vinyl Chloride	2.448	62	268404	19.698	ug/l	98
5) Bromomethane	2.859	94	150851	20.377	ug/l	100
6) Chloroethane	3.022	64	163173	19.542	ug/l	99
7) Trichlorofluoromethane	3.379	101	360439	20.155	ug/l	98
8) Diethyl Ether	3.821	74	142062	20.625	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.210	101	207967	20.745	ug/l	96
10) Methyl Iodide	4.419	142	208099	15.195	ug/l	97
11) Tert butyl alcohol	5.380	59	255826	86.432	ug/l	100
12) 1,1-Dichloroethene	4.181	96	193734	20.055	ug/l	90
13) Acrolein	4.041	56	227361	90.202	ug/l	99
14) Allyl chloride	4.841	41	433778	19.927	ug/l	94
15) Acrylonitrile	5.557	53	758286	95.074	ug/l	99
16) Acetone	4.288	43	880214	93.447	ug/l	96
17) Carbon Disulfide	4.532	76	507631	20.340	ug/l	99
18) Methyl Acetate	4.857	43	535061	18.819	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	773856	20.602	ug/l	94
20) Methylene Chloride	5.098	84	241864	19.315	ug/l #	85
21) trans-1,2-Dichloroethene	5.594	96	208104	19.834	ug/l	87
22) Diisopropyl ether	6.498	45	905420	21.280	ug/l	95
23) Vinyl Acetate	6.434	43	3685277	106.466	ug/l	94
24) 1,1-Dichloroethane	6.385	63	453892	20.594	ug/l	98
25) 2-Butanone	7.337	43	1169640	91.391	ug/l	91
26) 2,2-Dichloropropane	7.324	77	339807	19.830	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	253687	20.012	ug/l	87
28) Bromochloromethane	7.657	49	224792	19.614	ug/l #	78
29) Tetrahydrofuran	7.686	42	725536	93.360	ug/l	88
30) Chloroform	7.818	83	458137	20.582	ug/l	99
31) Cyclohexane	8.094	56	440791	20.228	ug/l	88
32) 1,1,1-Trichloroethane	8.011	97	381840	20.139	ug/l	96
36) 1,1-Dichloropropene	8.222	75	329538	21.051	ug/l	96
37) Ethyl Acetate	7.413	43	442314	18.984	ug/l	94
38) Carbon Tetrachloride	8.206	117	313314	20.410	ug/l	98
39) Methylcyclohexane	9.459	83	396689	21.304	ug/l	90
40) Benzene	8.461	78	998406	20.865	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120421\
 Data File : VN069762.D
 Acq On : 4 Dec 2021 13:49
 Operator : JC/MD
 Sample : VN1204WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/06/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 16:11:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	223148	20.402	ug/l	89
42) 1,2-Dichloroethane	8.531	62	407187	21.080	ug/l	97
43) Isopropyl Acetate	8.563	43	688022	19.954	ug/l #	94
44) Trichloroethene	9.215	130	239317	20.955	ug/l	94
45) 1,2-Dichloropropane	9.488	63	273123	21.256	ug/l	99
46) Dibromomethane	9.577	93	176507	20.945	ug/l	93
47) Bromodichloromethane	9.762	83	339091	21.252	ug/l	99
48) Methyl methacrylate	9.561	41	321896	20.005	ug/l	89
49) 1,4-Dioxane	9.572	88	110629	383.171	ug/l #	81
51) 4-Methyl-2-Pentanone	10.331	43	2218056	99.162	ug/l	96
52) Toluene	10.505	92	614201	21.025	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	347617	19.894	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	386220	20.406	ug/l #	90
55) 1,1,2-Trichloroethane	10.899	97	243803	20.684	ug/l	98
56) Ethyl methacrylate	10.762	69	399236	19.412	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	434483	20.935	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	431788	84.995	ug/l	91
59) 2-Hexanone	11.084	43	1601875	94.670	ug/l	93
60) Dibromochloromethane	11.237	129	233989	20.023	ug/l	99
61) 1,2-Dibromoethane	11.347	107	250228	20.496	ug/l	99
64) Tetrachloroethene	10.977	164	219128	21.651	ug/l	96
65) Chlorobenzene	11.771	112	634409	20.951	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	228776	21.466	ug/l	100
67) Ethyl Benzene	11.846	91	1176438	21.388	ug/l	98
68) m/p-Xylenes	11.953	106	861558	43.019	ug/l	92
69) o-Xylene	12.280	106	425014	21.069	ug/l	91
70) Styrene	12.294	104	676309	21.143	ug/l	95
71) Bromoform	12.457	173	159609	19.284	ug/l #	100
73) Isopropylbenzene	12.578	105	1117778	20.292	ug/l	98
74) N-amyl acetate	12.388	43	464208	19.055	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	377586	19.822	ug/l	100
76) 1,2,3-Trichloropropane	12.878	75	348819m	19.646	ug/l	
77) Bromobenzene	12.860	156	258280	19.962	ug/l	79
78) n-propylbenzene	12.921	91	1258084	20.524	ug/l	96
79) 2-Chlorotoluene	13.007	91	777023	20.061	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	914765	20.632	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	87737	18.920	ug/l	88
82) 4-Chlorotoluene	13.106	91	749950	20.589	ug/l	92
83) tert-Butylbenzene	13.324	119	793186	20.204	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	898701	21.284	ug/l	97
85) sec-Butylbenzene	13.503	105	1075384	20.194	ug/l	98
86) p-Isopropyltoluene	13.616	119	860855	20.681	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	434733	20.452	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	420343	20.123	ug/l	97
89) n-Butylbenzene	13.943	91	670433	19.856	ug/l	98
90) Hexachloroethane	14.211	117	138152	18.904	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	425704	20.554	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	64937	18.866	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	184031	19.952	ug/l	98
94) Hexachlorobutadiene	15.370	225	114009	20.771	ug/l	99
95) Naphthalene	15.507	128	474468	18.417	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	178728	19.610	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120421\
Data File : VN069762.D
Acq On : 4 Dec 2021 13:49
Operator : JC/MD
Sample : VN1204WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/06/2021
Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 16:11:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

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

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

