

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120621\
 Data File : VN069801.D
 Acq On : 6 Dec 2021 22:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/07/2021
 Supervised By : Mahesh Dadoda 12/10/2021

Quant Time: Dec 07 03:51:51 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	1126821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1906480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1836728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	771067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	793523	45.610	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.220%		
35) Dibromofluoromethane	8.021	113	556130	46.570	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.140%		
50) Toluene-d8	10.443	98	2230074	46.508	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.020%		
62) 4-Bromofluorobenzene	12.731	95	847743	48.801	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	660879	50.285	ug/l	98
3) Chloromethane	2.301	50	766291	46.540	ug/l	100
4) Vinyl Chloride	2.443	62	727869	48.076	ug/l	99
5) Bromomethane	2.821	94	434717	52.852	ug/l	100
6) Chloroethane	2.998	64	444045	47.862	ug/l	99
7) Trichlorofluoromethane	3.363	101	953782	48.000	ug/l	99
8) Diethyl Ether	3.819	74	376087	49.143	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.197	101	542928	48.744	ug/l	96
10) Methyl Iodide	4.411	142	720426	47.345	ug/l	98
11) Tert butyl alcohol	5.393	59	940940	286.116	ug/l	96
12) 1,1-Dichloroethene	4.170	96	527066	49.105	ug/l	88
13) Acrolein	4.039	56	1039232	371.076	ug/l	100
14) Allyl chloride	4.832	41	1172584	48.482	ug/l	94
15) Acrylonitrile	5.557	53	2222682	250.817	ug/l	99
16) Acetone	4.291	43	2131714	203.685	ug/l	98
17) Carbon Disulfide	4.521	76	1320500	47.620	ug/l	99
18) Methyl Acetate	4.857	43	1559259	49.359	ug/l	93
19) Methyl tert-butyl Ether	5.621	73	2124216	50.898	ug/l	97
20) Methylene Chloride	5.093	84	653037	46.937	ug/l	87
21) trans-1,2-Dichloroethene	5.591	96	563743	48.356	ug/l	85
22) Diisopropyl ether	6.501	45	2394481	50.651	ug/l	94
23) Vinyl Acetate	6.434	43	10075347	261.971	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1201988	49.084	ug/l	98
25) 2-Butanone	7.340	43	3353510	235.832	ug/l	91
26) 2,2-Dichloropropane	7.327	77	820554	43.097	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	693536	49.239	ug/l	89
28) Bromochloromethane	7.657	49	606230	47.606	ug/l #	80
29) Tetrahydrofuran	7.689	42	2190169	253.648	ug/l	89
30) Chloroform	7.817	83	1225817	49.565	ug/l	99
31) Cyclohexane	8.094	56	1131034	46.713	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	1059021	50.270	ug/l	96
36) 1,1-Dichloropropene	8.222	75	880189	48.498	ug/l	97
37) Ethyl Acetate	7.415	43	1293582	47.888	ug/l	96
38) Carbon Tetrachloride	8.204	117	873624	49.087	ug/l	100
39) Methylcyclohexane	9.459	83	1058480	49.031	ug/l	90
40) Benzene	8.458	78	2694540	48.572	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120621\
 Data File : VN069801.D
 Acq On : 6 Dec 2021 22:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/07/2021
 Supervised By : Mahesh Dadoda 12/10/2021

Quant Time: Dec 07 03:51:51 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	652337	51.444	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	1075478	48.025	ug/l	97
43) Isopropyl Acetate	8.563	43	2066594	51.698	ug/l #	93
44) Trichloroethene	9.217	130	640468	48.371	ug/l	94
45) 1,2-Dichloropropane	9.491	63	730090	49.009	ug/l	100
46) Dibromomethane	9.577	93	476467	48.769	ug/l	94
47) Bromodichloromethane	9.762	83	920268	49.750	ug/l	100
48) Methyl methacrylate	9.561	41	948299	50.833	ug/l	87
49) 1,4-Dioxane	9.572	88	361735	1080.682	ug/l #	85
51) 4-Methyl-2-Pentanone	10.333	43	6862700	264.638	ug/l	96
52) Toluene	10.505	92	1710114	50.493	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	1016435	45.920	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	1083524	46.542	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	684774	50.111	ug/l	98
56) Ethyl methacrylate	10.762	69	1231207	47.853	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1202776	49.988	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	1719697	247.202	ug/l	92
59) 2-Hexanone	11.087	43	5169641	263.528	ug/l	93
60) Dibromochloromethane	11.240	129	681947	46.739	ug/l	99
61) 1,2-Dibromoethane	11.347	107	725934	51.289	ug/l	100
64) Tetrachloroethene	10.980	164	556684	44.698	ug/l	94
65) Chlorobenzene	11.771	112	1816068	48.738	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	661080	50.407	ug/l	99
67) Ethyl Benzene	11.846	91	3395210	50.162	ug/l	96
68) m/p-Xylenes	11.953	106	2511713	101.917	ug/l	93
69) o-Xylene	12.280	106	1260577	50.781	ug/l	92
70) Styrene	12.294	104	2052837	52.151	ug/l	96
71) Bromoform	12.460	173	522741	46.787	ug/l #	99
73) Isopropylbenzene	12.578	105	3321932	48.422	ug/l	98
74) N-amyl acetate	12.388	43	1623661	53.517	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1129770	47.623	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	956155m	43.241	ug/l	
77) Bromobenzene	12.862	156	774376	48.056	ug/l	79
78) n-propylbenzene	12.921	91	3768040	49.358	ug/l	96
79) 2-Chlorotoluene	13.010	91	2318203	48.058	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	2703941	48.969	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	310609	46.300	ug/l	94
82) 4-Chlorotoluene	13.106	91	2195253	48.392	ug/l	93
83) tert-Butylbenzene	13.324	119	2386655	48.813	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	2666905	50.714	ug/l	97
85) sec-Butylbenzene	13.503	105	3293298	49.658	ug/l	97
86) p-Isopropyltoluene	13.616	119	2599892	50.153	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1273269	48.098	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1228432	47.219	ug/l	97
89) n-Butylbenzene	13.943	91	2131715	50.693	ug/l	97
90) Hexachloroethane	14.211	117	464173	51.000	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1235372	47.894	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	216640	50.537	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	583114	46.318	ug/l	98
94) Hexachlorobutadiene	15.370	225	314737	46.042	ug/l	99
95) Naphthalene	15.507	128	1812836	48.259	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	581423	47.297	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120621\
Data File : VN069801.D
Acq On : 6 Dec 2021 22:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

Quant Time: Dec 07 03:51:51 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

