

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
 Data File : VN062599.D
 Acq On : 27 Jul 2020 14:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 1:46:09 PM

Quant Time: Jul 28 06:37:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	167693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	266880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	248670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122641	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	126667	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
35) Dibromofluoromethane	7.54	113	85993	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
50) Toluene-d8	10.06	98	341010	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.37	95	129159	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	97069	48.528	ug/l	99
3) Chloromethane	2.04	50	102930	37.940	ug/l	97
4) Vinyl Chloride	2.16	62	99594	42.346	ug/l	98
5) Bromomethane	2.53	94	56893	54.616	ug/l	95
6) Chloroethane	2.67	64	56337	52.955	ug/l	99
7) Trichlorofluoromethane	2.98	101	159262	57.675	ug/l	98
8) Diethyl Ether	3.37	74	55942	43.322	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	83908	47.394	ug/l	97
10) Methyl Iodide	3.91	142	103394	45.680	ug/l	95
11) Tert butyl alcohol	4.73	59	75215	181.499	ug/l	98
12) 1,1-Dichloroethene	3.70	96	81383	45.325	ug/l	99
13) Acrolein	3.56	56	67838	160.109	ug/l	98
14) Allyl chloride	4.27	41	156305	40.243	ug/l	92
15) Acrylonitrile	4.92	53	224876	202.594	ug/l	98
16) Acetone	3.77	43	215476	219.808	ug/l	97
17) Carbon Disulfide	4.01	76	243531	41.279	ug/l	100
18) Methyl Acetate	4.27	43	97356	39.230	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	305478	46.223	ug/l	98
20) Methylene Chloride	4.50	84	97347	41.404	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	88370	44.343	ug/l	95
22) Diisopropyl ether	5.90	45	315013	40.803	ug/l	96
23) Vinyl Acetate	5.84	43	1339620	211.768	ug/l	98
24) 1,1-Dichloroethane	5.79	63	182296	43.849	ug/l	100
25) 2-Butanone	6.78	43	300775	201.463	ug/l	97
26) 2,2-Dichloropropane	6.77	77	168529	49.381	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	100111	44.024	ug/l	99
28) Bromochloromethane	7.15	49	84718	41.407	ug/l	92
29) Tetrahydrofuran	7.16	42	191839	189.898	ug/l	94
30) Chloroform	7.33	83	180072	45.555	ug/l	98
31) Cyclohexane	7.61	56	156627	40.805	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	165358	50.105	ug/l	99
36) 1,1-Dichloropropene	7.75	75	138573	48.713	ug/l	100
37) Ethyl Acetate	6.88	43	128703	41.972	ug/l #	93
38) Carbon Tetrachloride	7.73	117	148126	54.172	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
 Data File : VN062599.D
 Acq On : 27 Jul 2020 14:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 1:46:09 PM

Quant Time: Jul 28 06:37:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	155240	50.696	ug/l	98
40) Benzene	8.00	78	383182	44.493	ug/l	99
41) Methacrylonitrile	7.12	41	62573	47.613	ug/l	88
42) 1,2-Dichloroethane	8.08	62	157665	50.076	ug/l	98
43) Isopropyl Acetate	8.12	43	215171	43.528	ug/l #	90
44) Trichloroethene	8.80	130	92928	47.849	ug/l	98
45) 1,2-Dichloropropane	9.08	63	106235	43.935	ug/l	98
46) Dibromomethane	9.17	93	65175	46.635	ug/l	98
47) Bromodichloromethane	9.37	83	148986	49.207	ug/l	98
48) Methyl methacrylate	9.17	41	102968	43.819	ug/l	97
49) 1,4-Dioxane	9.17	88	28833	798.898	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	628285	212.421	ug/l	99
52) Toluene	10.12	92	241036	48.200	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	169075	50.163	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	176102	48.691	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	92246	47.556	ug/l	97
56) Ethyl methacrylate	10.40	69	147379	42.585	ug/l	97
57) 1,3-Dichloropropane	10.68	76	164029	46.158	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	217821	210.349	ug/l	96
59) 2-Hexanone	10.72	43	457917	200.779	ug/l	100
60) Dibromochloromethane	10.87	129	107862	49.845	ug/l	99
61) 1,2-Dibromoethane	10.98	107	94854	46.961	ug/l	98
64) Tetrachloroethene	10.60	164	80261	49.676	ug/l	95
65) Chlorobenzene	11.40	112	250718	48.093	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	95709	48.801	ug/l	97
67) Ethyl Benzene	11.48	91	468474	49.011	ug/l	100
68) m/p-Xylenes	11.59	106	347899	101.263	ug/l	99
69) o-Xylene	11.92	106	161713	49.568	ug/l	97
70) Styrene	11.94	104	281318	51.046	ug/l	98
71) Bromoform	12.10	173	74424	50.542	ug/l #	100
73) Isopropylbenzene	12.22	105	457425	47.170	ug/l	100
74) N-amyl acetate	12.04	43	185311	42.790	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	133725	39.683	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	128918m	41.298	ug/l	
77) Bromobenzene	12.50	156	107017	45.921	ug/l	91
78) n-propylbenzene	12.56	91	542899	47.794	ug/l	99
79) 2-Chlorotoluene	12.65	91	317685	45.381	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	397857	49.461	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	49240	43.910	ug/l	95
82) 4-Chlorotoluene	12.75	91	338445	46.448	ug/l	100
83) tert-Butylbenzene	12.97	119	324199	48.537	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	392759	49.772	ug/l	98
85) sec-Butylbenzene	13.15	105	444825	49.744	ug/l	99
86) p-Isopropyltoluene	13.26	119	404224	52.558	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	191118	46.733	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	187126	46.481	ug/l	98
89) n-Butylbenzene	13.59	91	342281	51.795	ug/l	99
90) Hexachloroethane	13.85	117	74406	45.445	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	181005	46.288	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	29243	47.796	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
Data File : VN062599.D
Acq On : 27 Jul 2020 14:42
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
7/28/2020 1:46:09 PM

Quant Time: Jul 28 06:37:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	93372	45.697	ug/l	98
94) Hexachlorobutadiene	14.98	225	61838	58.529	ug/l	98
95) Naphthalene	15.10	128	223912	41.728	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	90209	48.951	ug/l	98

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

