

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065010.D
 Acq On : 9 Dec 2020 10:32
 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
 12/10/2020 9:14:16 AM

Quant Time: Dec 10 04:18:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	195953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	299661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	271031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	132771	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	108237	47.51	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.02%
35) Dibromofluoromethane	7.54	113	95727	53.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.78%
50) Toluene-d8	10.06	98	362361	49.46	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.92%
62) 4-Bromofluorobenzene	12.37	95	128891	49.16	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.32%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	74735	44.006	ug/l	99
3) Chloromethane	2.04	50	97861	44.343	ug/l	98
4) Vinyl Chloride	2.17	62	106963	46.488	ug/l	99
5) Bromomethane	2.53	94	72890	48.286	ug/l	99
6) Chloroethane	2.67	64	70258	49.370	ug/l	96
7) Trichlorofluoromethane	2.99	101	158985	49.987	ug/l	98
8) Diethyl Ether	3.37	74	67464	53.738	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	101603	53.252	ug/l	98
10) Methyl Iodide	3.90	142	125864	50.859	ug/l	98
11) Tert butyl alcohol	4.74	59	87152	245.310	ug/l	99
12) 1,1-Dichloroethene	3.69	96	94590	49.780	ug/l	97
13) Acrolein	3.56	56	68023	313.461	ug/l	99
14) Allyl chloride	4.27	41	158824	50.677	ug/l	98
15) Acrylonitrile	4.92	53	265028	270.037	ug/l	99
16) Acetone	3.77	43	269895	360.403	ug/l	98
17) Carbon Disulfide	4.00	76	221408	45.129	ug/l	98
18) Methyl Acetate	4.28	43	126523	56.194	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	342925	56.270	ug/l	97
20) Methylene Chloride	4.50	84	116895	49.814	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	103223	48.918	ug/l	96
22) Diisopropyl ether	5.90	45	354235	56.470	ug/l	99
23) Vinyl Acetate	5.84	43	1416633	282.404	ug/l	100
24) 1,1-Dichloroethane	5.79	63	202341	53.973	ug/l	98
25) 2-Butanone	6.78	43	363115	299.117	ug/l	96
26) 2,2-Dichloropropane	6.77	77	170191	52.343	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	126784	53.396	ug/l	98
28) Bromochloromethane	7.14	49	85246	49.705	ug/l	97
29) Tetrahydrofuran	7.16	42	219121	261.486	ug/l	99
30) Chloroform	7.33	83	209356	54.152	ug/l	100
31) Cyclohexane	7.61	56	152461	48.018	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	174977	52.697	ug/l	99
36) 1,1-Dichloropropene	7.75	75	147400	53.068	ug/l	99
37) Ethyl Acetate	6.88	43	139564	52.163	ug/l	99
38) Carbon Tetrachloride	7.73	117	157672	54.557	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	150707	50.403	ug/l	99
40) Benzene	8.00	78	459680	54.007	ug/l	98
41) Methacrylonitrile	7.12	41	69833	56.566	ug/l	91
42) 1,2-Dichloroethane	8.08	62	154293	53.737	ug/l	99
43) Isopropyl Acetate	8.12	43	236181	54.859	ug/l #	92
44) Trichloroethene	8.79	130	127108	50.614	ug/l	97
45) 1,2-Dichloropropane	9.08	63	125947	57.140	ug/l	98
46) Dibromomethane	9.17	93	83224	56.517	ug/l	98
47) Bromodichloromethane	9.37	83	168778	56.963	ug/l	99
48) Methyl methacrylate	9.16	41	113843	55.339	ug/l	98
49) 1,4-Dioxane	9.16	88	39917	1026.627	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	716660	277.275	ug/l	100
52) Toluene	10.12	92	291444	55.601	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	183262	55.532	ug/l	100
54) cis-1,3-Dichloropropene	9.80	75	202218	57.168	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	120761	56.026	ug/l	97
56) Ethyl methacrylate	10.40	69	173398	58.297	ug/l	99
57) 1,3-Dichloropropane	10.68	76	200628	56.427	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	437933	267.663	ug/l	100
59) 2-Hexanone	10.72	43	531571	285.770	ug/l	99
60) Dibromochloromethane	10.87	129	138608	57.851	ug/l	99
61) 1,2-Dibromoethane	10.97	107	122592	55.982	ug/l	100
64) Tetrachloroethene	10.60	164	128552	48.752	ug/l	99
65) Chlorobenzene	11.40	112	324114	55.687	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	126456	59.120	ug/l	99
67) Ethyl Benzene	11.48	91	549054	56.468	ug/l	99
68) m/p-Xylenes	11.59	106	430805	117.026	ug/l	97
69) o-Xylene	11.92	106	205947	58.954	ug/l	98
70) Styrene	11.94	104	352797	59.823	ug/l	99
71) Bromoform	12.10	173	97449	57.041	ug/l #	100
73) Isopropylbenzene	12.22	105	541928	58.681	ug/l	100
74) N-amyl acetate	12.04	43	201320	55.393	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	160748	59.385	ug/l	97
76) 1,2,3-Trichloropropane	12.52	75	164933m	57.682	ug/l	
77) Bromobenzene	12.50	156	141374	56.782	ug/l	97
78) n-propylbenzene	12.56	91	606236	57.623	ug/l	98
79) 2-Chlorotoluene	12.65	91	363248	55.856	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	455617	59.354	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	58955	56.510	ug/l	96
82) 4-Chlorotoluene	12.75	91	381798	56.010	ug/l	98
83) tert-Butylbenzene	12.97	119	378175	58.776	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	462897	59.643	ug/l	100
85) sec-Butylbenzene	13.14	105	489571	57.308	ug/l	100
86) p-Isopropyltoluene	13.26	119	463382	59.579	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	246761	55.784	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	250083	53.459	ug/l	99
89) n-Butylbenzene	13.59	91	381633	55.874	ug/l	99
90) Hexachloroethane	13.85	117	80536	59.606	ug/l	99
91) 1,2-Dichlorobenzene	13.62	146	245236	56.462	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	32081	52.673	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	135197	50.318	ug/l	100
94) Hexachlorobutadiene	14.98	225	70221	57.977	ug/l	98
95) Naphthalene	15.10	128	398617	49.520	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	129921	50.858	ug/l	98

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

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