

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121020\
 Data File : VN065068.D
 Acq On : 11 Dec 2020 4:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:33:13 PM

Quant Time: Dec 11 05:12:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 16:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	183853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	294151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	265644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.31	152	128878	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	110571	50.51	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.02%
35) Dibromofluoromethane	7.55	113	95498	49.07	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.14%
50) Toluene-d8	10.06	98	350893	47.00	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.00%
62) 4-Bromofluorobenzene	12.37	95	123858	48.40	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	55274	47.475	ug/l 98
3) Chloromethane	2.04	50	82004	52.251	ug/l 100
4) Vinyl Chloride	2.17	62	90177	52.546	ug/l 95
5) Bromomethane	2.52	94	60072	51.618	ug/l 100
6) Chloroethane	2.67	64	60262	52.682	ug/l 98
7) Trichlorofluoromethane	2.99	101	128206	47.169	ug/l 96
8) Diethyl Ether	3.38	74	57145	52.947	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	75425	44.549	ug/l 100
10) Methyl Iodide	3.91	142	105768	51.635	ug/l 99
11) Tert butyl alcohol	4.75	59	72759	274.424	ug/l 98
12) 1,1-Dichloroethene	3.69	96	75534	47.650	ug/l 95
13) Acrolein	3.56	56	65338	304.719	ug/l 97
14) Allyl chloride	4.28	41	129104	50.257	ug/l 99
15) Acrylonitrile	4.93	53	231044	277.242	ug/l 99
16) Acetone	3.78	43	173436	223.388	ug/l 98
17) Carbon Disulfide	4.01	76	168805	46.610	ug/l 98
18) Methyl Acetate	4.28	43	110179	56.312	ug/l 99
19) Methyl tert-butyl Ether	4.99	73	291951	54.637	ug/l 100
20) Methylene Chloride	4.50	84	101590	51.364	ug/l 97
21) trans-1,2-Dichloroethene	4.99	96	85616	49.471	ug/l 96
22) Diisopropyl ether	5.90	45	307141	54.844	ug/l 98
23) Vinyl Acetate	5.85	43	1201989	277.710	ug/l 100
24) 1,1-Dichloroethane	5.80	63	171173	51.601	ug/l 99
25) 2-Butanone	6.79	43	283488	264.776	ug/l 98
26) 2,2-Dichloropropane	6.78	77	123030	43.281	ug/l 98
27) cis-1,2-Dichloroethene	6.78	96	106122	50.786	ug/l 99
28) Bromochloromethane	7.15	49	77528	49.170	ug/l # 97
29) Tetrahydrofuran	7.17	42	187361	278.753	ug/l 98
30) Chloroform	7.33	83	181470	52.930	ug/l 99
31) Cyclohexane	7.61	56	111104	45.428	ug/l 96
32) 1,1,1-Trichloroethane	7.53	97	145370	49.499	ug/l 100
36) 1,1-Dichloropropene	7.75	75	114636	45.692	ug/l 100
37) Ethyl Acetate	6.88	43	118221	51.823	ug/l 99
38) Carbon Tetrachloride	7.73	117	124994	46.893	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	104839	42.518	ug/l	98
40) Benzene	8.00	78	384855	49.527	ug/l	99
41) Methacrylonitrile	7.13	41	54388	45.884	ug/l #	84
42) 1,2-Dichloroethane	8.08	62	135370	51.376	ug/l	99
43) Isopropyl Acetate	8.13	43	199341	52.570	ug/l #	91
44) Trichloroethene	8.80	130	103302	47.596	ug/l	95
45) 1,2-Dichloropropane	9.08	63	107760	51.264	ug/l	100
46) Dibromomethane	9.17	93	71744	52.686	ug/l	99
47) Bromodichloromethane	9.37	83	144411	51.773	ug/l	100
48) Methyl methacrylate	9.17	41	99603	55.332	ug/l	100
49) 1,4-Dioxane	9.17	88	34049	1047.596	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	625711	276.007	ug/l	99
52) Toluene	10.12	92	235262	48.314	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	150512	50.631	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	163655	49.220	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	107212	53.176	ug/l	99
56) Ethyl methacrylate	10.40	69	145872	54.787	ug/l	99
57) 1,3-Dichloropropane	10.68	76	175293	52.846	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	395099	278.472	ug/l	100
59) 2-Hexanone	10.72	43	445413	272.721	ug/l	100
60) Dibromochloromethane	10.87	129	119088	51.914	ug/l	100
61) 1,2-Dibromoethane	10.98	107	104694	51.876	ug/l	98
64) Tetrachloroethene	10.60	164	104533	46.312	ug/l	98
65) Chlorobenzene	11.41	112	265410	48.781	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	105273	50.335	ug/l	99
67) Ethyl Benzene	11.48	91	429736	47.338	ug/l	100
68) m/p-Xylenes	11.59	106	337357	95.890	ug/l	98
69) o-Xylene	11.92	106	164542	49.005	ug/l	100
70) Styrene	11.94	104	287245	50.582	ug/l	99
71) Bromoform	12.10	173	83350	52.468	ug/l #	97
73) Isopropylbenzene	12.22	105	417406	48.706	ug/l	99
74) N-amyl acetate	12.04	43	170852	55.346	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	140462	53.964	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	128343m	51.124	ug/l	
77) Bromobenzene	12.50	156	114016	50.029	ug/l	98
78) n-propylbenzene	12.57	91	469579	48.576	ug/l	99
79) 2-Chlorotoluene	12.65	91	291785	49.350	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	357096	49.516	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	47019	53.309	ug/l	100
82) 4-Chlorotoluene	12.75	91	302009	48.464	ug/l	100
83) tert-Butylbenzene	12.97	119	295218	49.597	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	367899	50.530	ug/l	100
85) sec-Butylbenzene	13.14	105	374757	48.314	ug/l	100
86) p-Isopropyltoluene	13.26	119	349178	48.854	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	199256	49.200	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	197987	48.213	ug/l	98
89) n-Butylbenzene	13.59	91	274358	46.710	ug/l	100
90) Hexachloroethane	13.85	117	63135	48.732	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	203467	50.474	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	28037	54.935	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	98394	46.121	ug/l	99
94) Hexachlorobutadiene	14.98	225	51460	46.237	ug/l	98
95) Naphthalene	15.10	128	297870	46.837	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	92420	45.935	ug/l	99

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

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