

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120320\
 Data File : VN064907.D
 Acq On : 3 Dec 2020 18:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 12/4/2020 5:42:54 PM

Quant Time: Dec 04 04:25:16 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	207819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	325753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	294415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	145317	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	115495	47.80	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.60%
35) Dibromofluoromethane	7.55	113	96393	49.45	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.90%
50) Toluene-d8	10.06	98	388603	48.79	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.58%
62) 4-Bromofluorobenzene	12.38	95	138209	48.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.98%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	74499	41.363	ug/l	97
3) Chloromethane	2.04	50	97502	41.658	ug/l	99
4) Vinyl Chloride	2.17	62	106007	43.442	ug/l	97
5) Bromomethane	2.52	94	65669	41.018	ug/l	99
6) Chloroethane	2.67	64	68366	45.297	ug/l	99
7) Trichlorofluoromethane	2.99	101	152325	45.158	ug/l	98
8) Diethyl Ether	3.37	74	62894	47.237	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	92390	45.659	ug/l	99
10) Methyl Iodide	3.91	142	120531	45.923	ug/l	98
11) Tert butyl alcohol	4.75	59	80195	212.839	ug/l	98
12) 1,1-Dichloroethene	3.69	96	92547	45.924	ug/l	99
13) Acrolein	3.56	56	78572	341.399	ug/l	98
14) Allyl chloride	4.27	41	152303	45.822	ug/l	99
15) Acrylonitrile	4.93	53	249038	239.257	ug/l	99
16) Acetone	3.78	43	194700	245.147	ug/l	96
17) Carbon Disulfide	4.01	76	223347	42.925	ug/l	99
18) Methyl Acetate	4.28	43	114550	47.972	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	321115	49.683	ug/l	99
20) Methylene Chloride	4.50	84	111777	44.913	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	101652	45.423	ug/l	95
22) Diisopropyl ether	5.91	45	330055	49.611	ug/l	98
23) Vinyl Acetate	5.85	43	1319803	248.079	ug/l	99
24) 1,1-Dichloroethane	5.79	63	191968	48.282	ug/l	99
25) 2-Butanone	6.79	43	313455	243.467	ug/l	96
26) 2,2-Dichloropropane	6.78	77	155214	45.011	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	119859	47.597	ug/l	100
28) Bromochloromethane	7.15	49	83082	45.677	ug/l	98
29) Tetrahydrofuran	7.17	42	206013	231.806	ug/l	99
30) Chloroform	7.33	83	197067	48.063	ug/l	99
31) Cyclohexane	7.61	56	146741	43.577	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	166262	47.213	ug/l	99
36) 1,1-Dichloropropene	7.75	75	142086	47.058	ug/l	99
37) Ethyl Acetate	6.88	43	133708	45.972	ug/l	98
38) Carbon Tetrachloride	7.73	117	146111	46.507	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	145626	44.802	ug/l	95
40) Benzene	8.00	78	436421	47.168	ug/l	98
41) Methacrylonitrile	7.12	41	66329	49.424	ug/l	88
42) 1,2-Dichloroethane	8.08	62	143349	45.926	ug/l	100
43) Isopropyl Acetate	8.13	43	218454	46.677	ug/l #	90
44) Trichloroethene	8.80	130	126326	46.274	ug/l	97
45) 1,2-Dichloropropane	9.08	63	117695	49.119	ug/l	99
46) Dibromomethane	9.17	93	76193	47.598	ug/l	99
47) Bromodichloromethane	9.37	83	155893	48.400	ug/l	98
48) Methyl methacrylate	9.16	41	105443	47.150	ug/l	98
49) 1,4-Dioxane	9.17	88	33821	800.172	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	669722	238.361	ug/l	100
52) Toluene	10.12	92	277560	48.711	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	172270	48.020	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	187592	48.785	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	112154	47.865	ug/l	97
56) Ethyl methacrylate	10.40	69	162455	50.243	ug/l	99
57) 1,3-Dichloropropane	10.68	76	190677	49.333	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	443677	249.454	ug/l	100
59) 2-Hexanone	10.72	43	484167	239.438	ug/l	100
60) Dibromochloromethane	10.87	129	126895	48.720	ug/l	100
61) 1,2-Dibromoethane	10.98	107	114854	48.247	ug/l	100
64) Tetrachloroethene	10.60	164	134209	46.855	ug/l	98
65) Chlorobenzene	11.40	112	304341	48.136	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	115719	49.803	ug/l	98
67) Ethyl Benzene	11.48	91	521299	49.355	ug/l	99
68) m/p-Xylenes	11.59	106	404910	101.255	ug/l	98
69) o-Xylene	11.92	106	192555	50.742	ug/l	99
70) Styrene	11.94	104	333717	52.093	ug/l	99
71) Bromoform	12.10	173	88841	47.872	ug/l #	99
73) Isopropylbenzene	12.22	105	507250	50.184	ug/l	100
74) N-amyl acetate	12.04	43	192536	48.403	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	143491	48.434	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	155145m	49.575	ug/l	
77) Bromobenzene	12.50	156	131143	48.125	ug/l	98
78) n-propylbenzene	12.56	91	572147	49.688	ug/l	99
79) 2-Chlorotoluene	12.65	91	350009	49.174	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	429110	51.075	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	53603	46.944	ug/l	97
82) 4-Chlorotoluene	12.75	91	359821	48.228	ug/l	99
83) tert-Butylbenzene	12.97	119	356811	50.668	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	438897	51.668	ug/l	99
85) sec-Butylbenzene	13.14	105	460336	49.233	ug/l	100
86) p-Isopropyltoluene	13.26	119	431930	50.740	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	231729	47.863	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	232950	45.497	ug/l	100
89) n-Butylbenzene	13.59	91	355408	47.542	ug/l	99
90) Hexachloroethane	13.85	117	72146	48.787	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	229369	48.249	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30257	45.389	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	128321	43.635	ug/l	100
94) Hexachlorobutadiene	14.98	225	62482	47.203	ug/l	99
95) Naphthalene	15.10	128	384664	43.661	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	124685	44.766	ug/l	98

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

