

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081120\
 Data File : VN062822.D
 Acq On : 11 Aug 2020 11:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 11 14:52:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	166845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	251802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	239194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	121986	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	123669	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	
35) Dibromofluoromethane	7.54	113	86756	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
50) Toluene-d8	10.06	98	335537	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.37	95	127084	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	119021	49.817	ug/l	99
3) Chloromethane	2.03	50	96686	42.885	ug/l	97
4) Vinyl Chloride	2.16	62	100913	47.722	ug/l	95
5) Bromomethane	2.51	94	69082	49.350	ug/l	97
6) Chloroethane	2.65	64	68209	49.031	ug/l	93
7) Trichlorofluoromethane	2.97	101	186229	49.388	ug/l	98
8) Diethyl Ether	3.37	74	50518	46.800	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	79219	52.129	ug/l	98
10) Methyl Iodide	3.90	142	94855	51.901	ug/l	98
11) Tert butyl alcohol	4.74	59	89896	198.793	ug/l	100
12) 1,1-Dichloroethene	3.69	96	68392	48.089	ug/l	97
13) Acrolein	3.56	56	37317	136.294	ug/l	99
14) Allyl chloride	4.27	41	123918	42.422	ug/l	99
15) Acrylonitrile	4.93	53	234497	223.575	ug/l	99
16) Acetone	3.77	43	324303	325.290	ug/l	99
17) Carbon Disulfide	4.00	76	184536	45.663	ug/l	99
18) Methyl Acetate	4.27	43	106324	44.977	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	309826	47.930	ug/l	99
20) Methylene Chloride	4.50	84	84442	46.225	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	76117	45.589	ug/l	98
22) Diisopropyl ether	5.90	45	290618	46.735	ug/l	99
23) Vinyl Acetate	5.84	43	1004607	212.397	ug/l	98
24) 1,1-Dichloroethane	5.79	63	160391	44.013	ug/l	99
25) 2-Butanone	6.78	43	356865	252.736	ug/l	99
26) 2,2-Dichloropropane	6.77	77	160594	47.808	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	93119	46.492	ug/l	98
28) Bromochloromethane	7.15	49	75692	43.037	ug/l	96
29) Tetrahydrofuran	7.16	42	194281	211.788	ug/l	96
30) Chloroform	7.33	83	180331	46.564	ug/l	98
31) Cyclohexane	7.61	56	153277	45.821	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	159339	46.018	ug/l	98
36) 1,1-Dichloropropene	7.75	75	122072	49.788	ug/l	98
37) Ethyl Acetate	6.88	43	112011	43.734	ug/l	99
38) Carbon Tetrachloride	7.73	117	143080	49.342	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	155375	52.658	ug/l	96
40) Benzene	8.00	78	351163	47.997	ug/l	98
41) Methacrylonitrile	7.12	41	52815	45.699	ug/l #	79
42) 1,2-Dichloroethane	8.08	62	148940	47.830	ug/l	99
43) Isopropyl Acetate	8.12	43	193475	45.290	ug/l	98
44) Trichloroethene	8.80	130	86758	48.672	ug/l	98
45) 1,2-Dichloropropane	9.08	63	100539	50.773	ug/l	99
46) Dibromomethane	9.17	93	64099	49.405	ug/l	98
47) Bromodichloromethane	9.37	83	148111	50.828	ug/l	97
48) Methyl methacrylate	9.17	41	96020	45.697	ug/l	97
49) 1,4-Dioxane	9.17	88	36235	930.668	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	642468	232.440	ug/l	100
52) Toluene	10.12	92	227470	50.356	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	163488	51.006	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	165497	51.426	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	94585	49.026	ug/l	97
56) Ethyl methacrylate	10.40	69	150733	51.906	ug/l	97
57) 1,3-Dichloropropane	10.68	76	162649	49.617	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	213920	260.610	ug/l	98
59) 2-Hexanone	10.72	43	521811	253.086	ug/l	98
60) Dibromochloromethane	10.87	129	112680	51.180	ug/l	99
61) 1,2-Dibromoethane	10.98	107	93992	49.372	ug/l	98
64) Tetrachloroethene	10.60	164	74677	48.388	ug/l	98
65) Chlorobenzene	11.40	112	249060	49.811	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	100590	50.097	ug/l	99
67) Ethyl Benzene	11.48	91	466417	52.128	ug/l	98
68) m/p-Xylenes	11.60	106	346310	106.624	ug/l	98
69) o-Xylene	11.92	106	165644	54.420	ug/l	97
70) Styrene	11.94	104	293617	54.879	ug/l	98
71) Bromoform	12.10	173	80980	49.292	ug/l #	99
73) Isopropylbenzene	12.22	105	471492	51.330	ug/l	100
74) N-amyl acetate	12.05	43	180219	48.415	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	143715	44.445	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	143404m	43.590	ug/l	
77) Bromobenzene	12.50	156	110434	48.387	ug/l	96
78) n-propylbenzene	12.57	91	556063	51.571	ug/l	99
79) 2-Chlorotoluene	12.65	91	333980	49.394	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	423212	53.108	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	50429	46.794	ug/l	96
82) 4-Chlorotoluene	12.75	91	353976	50.801	ug/l	100
83) tert-Butylbenzene	12.97	119	348691	51.711	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	414384	54.355	ug/l	99
85) sec-Butylbenzene	13.15	105	461088	52.072	ug/l	100
86) p-Isopropyltoluene	13.26	119	427290	54.363	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	205441	50.387	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	204459	49.997	ug/l	99
89) n-Butylbenzene	13.59	91	346427	52.114	ug/l	99
90) Hexachloroethane	13.85	117	79518	46.935	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	196170	51.320	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	32135	46.291	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	97229	47.537	ug/l	97
94) Hexachlorobutadiene	14.98	225	62738	52.214	ug/l	98
95) Naphthalene	15.10	128	241622	43.600	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	96490	47.814	ug/l	100

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

