

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062155.D
 Acq On : 26 Jun 2020 21:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:35:50 PM

Quant Time: Jun 27 06:25:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	241595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	430882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	403180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190194	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	173741	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	7.55	113	138649	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
50) Toluene-d8	10.06	98	554634	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.38	95	193417	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	131665	48.215	ug/l	98
3) Chloromethane	2.03	50	165429	51.496	ug/l	99
4) Vinyl Chloride	2.16	62	202623	47.116	ug/l	98
5) Bromomethane	2.52	94	136843	49.235	ug/l	98
6) Chloroethane	2.66	64	138442	47.126	ug/l	98
7) Trichlorofluoromethane	2.98	101	253923	47.918	ug/l	97
8) Diethyl Ether	3.37	74	98225	53.084	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	135084	48.680	ug/l	99
10) Methyl Iodide	3.91	142	179973	57.588	ug/l	98
11) Tert butyl alcohol	4.73	59	133404	274.051	ug/l	99
12) 1,1-Dichloroethene	3.70	96	140343	50.591	ug/l	98
13) Acrolein	3.56	56	135460	284.227	ug/l	99
14) Allyl chloride	4.27	41	195369	51.727	ug/l	99
15) Acrylonitrile	4.93	53	352406	265.665	ug/l	99
16) Acetone	3.77	43	272602	256.260	ug/l	98
17) Carbon Disulfide	4.01	76	379631	47.780	ug/l	99
18) Methyl Acetate	4.27	43	140727	52.215	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	485901	54.815	ug/l	99
20) Methylene Chloride	4.50	84	165641	53.234	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	152283	48.187	ug/l	95
22) Diisopropyl ether	5.90	45	453558	52.742	ug/l	99
23) Vinyl Acetate	5.84	43	1905704	271.425	ug/l	99
24) 1,1-Dichloroethane	5.80	63	279181	50.415	ug/l	99
25) 2-Butanone	6.79	43	439433	265.169	ug/l	99
26) 2,2-Dichloropropane	6.78	77	201614	43.690	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	182950	51.447	ug/l	96
28) Bromochloromethane	7.15	49	116816	48.619	ug/l	99
29) Tetrahydrofuran	7.17	42	294551	271.343	ug/l	99
30) Chloroform	7.33	83	285592	50.689	ug/l	99
31) Cyclohexane	7.61	56	233349	49.817	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	244875	51.537	ug/l	100
36) 1,1-Dichloropropene	7.75	75	214159	49.448	ug/l	99
37) Ethyl Acetate	6.88	43	189937	52.962	ug/l	98
38) Carbon Tetrachloride	7.73	117	203309	49.792	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	248522	52.371	ug/l	98
40) Benzene	8.00	78	656426	49.727	ug/l	100
41) Methacrylonitrile	7.12	41	75234	45.250	ug/l	89
42) 1,2-Dichloroethane	8.09	62	222714	49.935	ug/l	100
43) Isopropyl Acetate	8.12	43	318409	54.464	ug/l #	91
44) Trichloroethene	8.80	130	166809	50.094	ug/l	100
45) 1,2-Dichloropropane	9.08	63	169728	52.117	ug/l	97
46) Dibromomethane	9.18	93	111969	50.710	ug/l	99
47) Bromodichloromethane	9.37	83	228000	51.140	ug/l	99
48) Methyl methacrylate	9.17	41	141303	53.906	ug/l	99
49) 1,4-Dioxane	9.17	88	61320	1054.865	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	954234	279.365	ug/l	100
52) Toluene	10.12	92	419756	52.115	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	252523	51.483	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	272685	52.218	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	164935	52.093	ug/l	98
56) Ethyl methacrylate	10.40	69	243652	57.665	ug/l	100
57) 1,3-Dichloropropane	10.68	76	284076	52.127	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	446915	248.532	ug/l	100
59) 2-Hexanone	10.72	43	695665	282.047	ug/l	100
60) Dibromochloromethane	10.87	129	178250	53.177	ug/l	97
61) 1,2-Dibromoethane	10.98	107	167069	51.354	ug/l	99
64) Tetrachloroethene	10.60	164	133259	48.386	ug/l	99
65) Chlorobenzene	11.41	112	445259	50.290	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	159481	52.091	ug/l	99
67) Ethyl Benzene	11.48	91	792959	53.030	ug/l	100
68) m/p-Xylenes	11.60	106	609941	105.460	ug/l	99
69) o-Xylene	11.92	106	293663	53.815	ug/l	98
70) Styrene	11.94	104	495228	54.416	ug/l	99
71) Bromoform	12.10	173	116600	53.565	ug/l #	99
73) Isopropylbenzene	12.22	105	785544	53.357	ug/l	99
74) N-amyl acetate	12.05	43	285185	52.446	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	244624	49.930	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	217898m	48.667	ug/l	
77) Bromobenzene	12.50	156	181977	49.787	ug/l	99
78) n-propylbenzene	12.56	91	889770	52.835	ug/l	100
79) 2-Chlorotoluene	12.65	91	521877	51.261	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	641793	53.775	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	78362	51.112	ug/l	98
82) 4-Chlorotoluene	12.75	91	541929	51.475	ug/l	99
83) tert-Butylbenzene	12.97	119	543721	53.233	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	646618	54.247	ug/l	100
85) sec-Butylbenzene	13.15	105	747138	55.358	ug/l	100
86) p-Isopropyltoluene	13.26	119	660606	55.868	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	328692	51.211	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	326213	49.306	ug/l	100
89) n-Butylbenzene	13.59	91	548147	55.759	ug/l	100
90) Hexachloroethane	13.85	117	121734	52.473	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	323054	51.905	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	42184	53.748	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	152711	56.165	ug/l	98
94) Hexachlorobutadiene	14.98	225	65582	55.535	ug/l	99
95) Naphthalene	15.10	128	448532	49.518	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	151983	54.667	ug/l	98

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

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