

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061625.D
 Acq On : 2 Jun 2020 17:59
 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

MMDadoda
 6/3/2020 11:32:31 AM

Quant Time: Jun 03 03:49:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	376264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	618613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	587190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	304956	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	202217	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	
35) Dibromofluoromethane	7.55	113	154172	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	10.06	98	695042	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.37	95	256515	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	189147	43.687	ug/l	94
3) Chloromethane	2.03	50	200089	43.600	ug/l	100
4) Vinyl Chloride	2.16	62	280671	44.630	ug/l	100
5) Bromomethane	2.53	94	170636	47.285	ug/l	98
6) Chloroethane	2.67	64	175225	43.287	ug/l	100
7) Trichlorofluoromethane	2.98	101	326829	40.301	ug/l	98
8) Diethyl Ether	3.37	74	104363	42.085	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	160958	44.726	ug/l	99
10) Methyl Iodide	3.91	142	230600	46.160	ug/l	99
11) Tert butyl alcohol	4.73	59	145602	244.182	ug/l	100
12) 1,1-Dichloroethene	3.69	96	165139	42.952	ug/l	95
13) Acrolein	3.57	56	43996	255.360	ug/l	98
14) Allyl chloride	4.27	41	210133	41.805	ug/l	98
15) Acrylonitrile	4.93	53	362523	217.817	ug/l	100
16) Acetone	3.78	43	275361	222.185	ug/l	99
17) Carbon Disulfide	4.01	76	341827	40.411	ug/l	98
18) Methyl Acetate	4.28	43	169748	41.828	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	576673	44.009	ug/l	97
20) Methylene Chloride	4.50	84	190767	46.703	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	188922	43.572	ug/l	95
22) Diisopropyl ether	5.90	45	484713	43.753	ug/l	97
23) Vinyl Acetate	5.84	43	1816175	205.687	ug/l	97
24) 1,1-Dichloroethane	5.80	63	306712	43.660	ug/l	99
25) 2-Butanone	6.78	43	443584	208.785	ug/l	97
26) 2,2-Dichloropropane	6.78	77	283643	44.114	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	228677	46.576	ug/l	97
28) Bromochloromethane	7.15	49	126217	47.798	ug/l	95
29) Tetrahydrofuran	7.17	42	294104	209.925	ug/l	96
30) Chloroform	7.33	83	351957	45.286	ug/l	97
31) Cyclohexane	7.61	56	261887	41.451	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	322556	45.547	ug/l	99
36) 1,1-Dichloropropene	7.75	75	252344	46.079	ug/l	99
37) Ethyl Acetate	6.88	43	195812	44.394	ug/l	97
38) Carbon Tetrachloride	7.73	117	264746	50.119	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	287279	42.560	ug/l	97
40) Benzene	8.00	78	781178	46.232	ug/l	100
41) Methacrylonitrile	7.13	41	95064m	47.041	ug/l	
42) 1,2-Dichloroethane	8.08	62	256632	45.366	ug/l	100
43) Isopropyl Acetate	8.13	43	345769	43.572	ug/l	92
44) Trichloroethene	8.80	130	248564	47.867	ug/l	95
45) 1,2-Dichloropropane	9.08	63	185657	46.272	ug/l	100
46) Dibromomethane	9.17	93	140883	45.783	ug/l	98
47) Bromodichloromethane	9.37	83	285499	46.829	ug/l	99
48) Methyl methacrylate	9.17	41	149511	41.876	ug/l	97
49) 1,4-Dioxane	9.17	88	62103	1122.805	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	995669	222.650	ug/l	99
52) Toluene	10.12	92	523920	47.506	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	307631	46.840	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	328041	46.453	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	209109	47.592	ug/l	97
56) Ethyl methacrylate	10.40	69	290730	47.368	ug/l	98
57) 1,3-Dichloropropane	10.68	76	330529	47.035	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	591569	225.538	ug/l	97
59) 2-Hexanone	10.72	43	715037	222.642	ug/l	99
60) Dibromochloromethane	10.87	129	244987	49.045	ug/l	99
61) 1,2-Dibromoethane	10.98	107	223065	48.678	ug/l	99
64) Tetrachloroethene	10.60	164	275430	49.831	ug/l	99
65) Chlorobenzene	11.41	112	582100	47.692	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	221371	48.710	ug/l	100
67) Ethyl Benzene	11.48	91	1007463	47.756	ug/l	100
68) m/p-Xylenes	11.59	106	797699	95.366	ug/l	99
69) o-Xylene	11.92	106	384054	48.341	ug/l	99
70) Styrene	11.94	104	652055	49.560	ug/l	99
71) Bromoform	12.10	173	172562	49.275	ug/l #	100
73) Isopropylbenzene	12.22	105	1008576	45.313	ug/l	99
74) N-amyl acetate	12.04	43	306177	43.680	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	264591	42.420	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	249773m	45.042	ug/l	
77) Bromobenzene	12.50	156	266965	46.989	ug/l	97
78) n-propylbenzene	12.56	91	1111230	44.721	ug/l	99
79) 2-Chlorotoluene	12.65	91	655491	44.241	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	844697	45.405	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	93018	42.896	ug/l	98
82) 4-Chlorotoluene	12.75	91	693467	44.490	ug/l	99
83) tert-Butylbenzene	12.97	119	722285	43.943	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	845596	45.754	ug/l	98
85) sec-Butylbenzene	13.15	105	911600	43.040	ug/l	100
86) p-Isopropyltoluene	13.26	119	859167	44.048	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	474259	47.139	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	478006	46.639	ug/l	99
89) n-Butylbenzene	13.59	91	699083	42.790	ug/l	99
90) Hexachloroethane	13.85	117	100120	46.414	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	457113	47.544	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52733	41.455	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	263716	46.899	ug/l	99
94) Hexachlorobutadiene	14.98	225	94112	39.244	ug/l	99
95) Naphthalene	15.10	128	808654	47.248	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	256061	46.316	ug/l	100

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

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