

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062320\
 Data File : VN062042.D
 Acq On : 23 Jun 2020 14:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:59:11 AM

Quant Time: Jun 24 01:43:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	176755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	302005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	287984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139022	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	132054	55.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.42%	
35) Dibromofluoromethane	7.54	113	105992	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	
50) Toluene-d8	10.06	98	426482	56.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.30%	
62) 4-Bromofluorobenzene	12.37	95	150875	57.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	98269	42.771	ug/l	96
3) Chloromethane	2.03	50	96303	39.252	ug/l	99
4) Vinyl Chloride	2.16	62	117730	40.252	ug/l	99
5) Bromomethane	2.52	94	76301	33.971	ug/l	100
6) Chloroethane	2.66	64	82179	41.516	ug/l	99
7) Trichlorofluoromethane	2.98	101	151087	43.246	ug/l	98
8) Diethyl Ether	3.37	74	57236	48.732	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	84310	47.039	ug/l	98
10) Methyl Iodide	3.91	142	82635	39.456	ug/l	99
11) Tert butyl alcohol	4.73	59	84392	257.265	ug/l	97
12) 1,1-Dichloroethene	3.69	96	78577	43.753	ug/l	96
13) Acrolein	3.56	56	25070	127.870	ug/l	98
14) Allyl chloride	4.27	41	117324	49.222	ug/l	99
15) Acrylonitrile	4.92	53	217762	267.910	ug/l	100
16) Acetone	3.77	43	224154	320.121	ug/l	96
17) Carbon Disulfide	4.00	76	186072	35.410	ug/l	100
18) Methyl Acetate	4.28	43	104558	51.866	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	295271	49.380	ug/l	100
20) Methylene Chloride	4.50	84	97389	42.690	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	88043	42.681	ug/l	99
22) Diisopropyl ether	5.90	45	275872	50.606	ug/l	97
23) Vinyl Acetate	5.84	43	1101597	256.932	ug/l	98
24) 1,1-Dichloroethane	5.79	63	169682	47.550	ug/l	99
25) 2-Butanone	6.78	43	293111	286.909	ug/l	100
26) 2,2-Dichloropropane	6.77	77	148960	49.615	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	109264	45.906	ug/l	98
28) Bromochloromethane	7.15	49	98125	61.757	ug/l	91
29) Tetrahydrofuran	7.16	42	176805	262.972	ug/l	97
30) Chloroform	7.33	83	174343	45.713	ug/l	99
31) Cyclohexane	7.61	56	128776	41.222	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	143531	44.191	ug/l	98
36) 1,1-Dichloropropene	7.75	75	124630	45.244	ug/l	99
37) Ethyl Acetate	6.88	43	116231	54.034	ug/l	98
38) Carbon Tetrachloride	7.73	117	119672	43.871	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	135927	45.826	ug/l	99
40) Benzene	8.00	78	386626	46.334	ug/l	99
41) Methacrylonitrile	7.12	41	50505	54.907	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	137502	48.328	ug/l	98
43) Isopropyl Acetate	8.12	43	193773	53.453	ug/l	98
44) Trichloroethene	8.80	130	97763	44.518	ug/l	97
45) 1,2-Dichloropropane	9.08	63	103459	50.452	ug/l	100
46) Dibromomethane	9.17	93	67415	46.685	ug/l	98
47) Bromodichloromethane	9.37	83	143539	48.544	ug/l	100
48) Methyl methacrylate	9.16	41	85861	52.083	ug/l	97
49) 1,4-Dioxane	9.17	88	38749	1023.778	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	580398	270.936	ug/l	100
52) Toluene	10.12	92	248411	47.402	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	161538	51.462	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	173006	50.744	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	102874	49.893	ug/l	98
56) Ethyl methacrylate	10.40	69	148215	47.231	ug/l	96
57) 1,3-Dichloropropane	10.68	76	173675	49.719	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	327231	300.712	ug/l	98
59) 2-Hexanone	10.72	43	440781	257.147	ug/l	100
60) Dibromochloromethane	10.87	129	110266	47.926	ug/l	100
61) 1,2-Dibromoethane	10.98	107	102241	47.487	ug/l	99
64) Tetrachloroethene	10.60	164	78228	42.619	ug/l	98
65) Chlorobenzene	11.40	112	270246	44.472	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	98035	46.257	ug/l	98
67) Ethyl Benzene	11.48	91	481568	47.266	ug/l	99
68) m/p-Xylenes	11.59	106	366884	93.386	ug/l	98
69) o-Xylene	11.92	106	178543	47.630	ug/l	98
70) Styrene	11.94	104	302194	48.147	ug/l	99
71) Bromoform	12.10	173	71780	46.450	ug/l #	99
73) Isopropylbenzene	12.22	105	470790	47.655	ug/l	100
74) N-amyl acetate	12.04	43	174526	48.857	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	153766	47.874	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	136109m	49.869	ug/l	
77) Bromobenzene	12.50	156	112887	45.293	ug/l	95
78) n-propylbenzene	12.56	91	548153	48.628	ug/l	99
79) 2-Chlorotoluene	12.65	91	323157	47.732	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	389498	47.656	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	50776	50.740	ug/l	96
82) 4-Chlorotoluene	12.75	91	333746	47.708	ug/l	98
83) tert-Butylbenzene	12.97	119	325197	46.933	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	386375	47.890	ug/l	99
85) sec-Butylbenzene	13.15	105	448338	49.435	ug/l	99
86) p-Isopropyltoluene	13.26	119	396705	49.089	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	206095	45.338	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	201947	43.401	ug/l	98
89) n-Butylbenzene	13.59	91	336666	49.883	ug/l	99
90) Hexachloroethane	13.85	117	73023	49.363	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	199057	45.486	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	26176	50.200	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	96654	46.805	ug/l	99
94) Hexachlorobutadiene	14.98	225	40143	49.357	ug/l	96
95) Naphthalene	15.10	128	284009	41.692	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	97571	47.709	ug/l	98

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

