

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062445.D
 Acq On : 9 Jul 2020 7:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:59:00 AM

Quant Time: Jul 09 08:11:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	215715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	385659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	350849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161634	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	174719	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
35) Dibromofluoromethane	7.55	113	123764	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
50) Toluene-d8	10.06	98	494980	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.38	95	183898	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	109605	49.882	ug/l	96
3) Chloromethane	2.04	50	156389	44.358	ug/l	98
4) Vinyl Chloride	2.16	62	142321	49.272	ug/l	99
5) Bromomethane	2.52	94	52364	33.754	ug/l	99
6) Chloroethane	2.67	64	83774	49.796	ug/l	95
7) Trichlorofluoromethane	2.98	101	185951	50.688	ug/l	100
8) Diethyl Ether	3.37	74	86426	52.686	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	111543	51.292	ug/l	99
10) Methyl Iodide	3.91	142	92259	32.130	ug/l	99
11) Tert butyl alcohol	4.73	59	141968	257.939	ug/l	99
12) 1,1-Dichloroethene	3.70	96	114715	51.811	ug/l	96
13) Acrolein	3.57	56	76946	193.798	ug/l	100
14) Allyl chloride	4.27	41	246789	47.393	ug/l	98
15) Acrylonitrile	4.93	53	365921	253.496	ug/l	99
16) Acetone	3.77	43	308282	218.847	ug/l	99
17) Carbon Disulfide	4.01	76	347650	50.109	ug/l	100
18) Methyl Acetate	4.28	43	167168	47.553	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	442803	52.750	ug/l	99
20) Methylene Chloride	4.50	84	141459	46.967	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	123803	51.614	ug/l	99
22) Diisopropyl ether	5.90	45	528006	51.323	ug/l	97
23) Vinyl Acetate	5.84	43	2207876	259.069	ug/l	100
24) 1,1-Dichloroethane	5.80	63	273550	51.456	ug/l	99
25) 2-Butanone	6.79	43	510222	248.010	ug/l	98
26) 2,2-Dichloropropane	6.78	77	150793	36.994	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	147573	53.116	ug/l	96
28) Bromochloromethane	7.15	49	145988	50.546	ug/l	97
29) Tetrahydrofuran	7.17	42	345364	249.349	ug/l	99
30) Chloroform	7.33	83	254541	53.029	ug/l	98
31) Cyclohexane	7.61	56	242263	48.070	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	210902	52.822	ug/l	98
36) 1,1-Dichloropropene	7.75	75	194171	49.974	ug/l	99
37) Ethyl Acetate	6.88	43	215623	47.459	ug/l	99
38) Carbon Tetrachloride	7.73	117	179320	51.334	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	213143	51.383	ug/l	97
40) Benzene	8.00	78	578241	50.495	ug/l	100
41) Methacrylonitrile	7.12	41	99538	52.437	ug/l	98
42) 1,2-Dichloroethane	8.09	62	212437	50.664	ug/l	100
43) Isopropyl Acetate	8.12	43	362416	50.496	ug/l	98
44) Trichloroethene	8.80	130	133335	52.479	ug/l	100
45) 1,2-Dichloropropane	9.09	63	167101	50.267	ug/l	99
46) Dibromomethane	9.18	93	96401	51.387	ug/l	99
47) Bromodichloromethane	9.37	83	207122	51.642	ug/l	99
48) Methyl methacrylate	9.17	41	175947	49.976	ug/l	98
49) 1,4-Dioxane	9.17	88	52965	1033.599	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1073343	250.384	ug/l	99
52) Toluene	10.12	92	341942	51.696	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	224773	50.023	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	245358	49.489	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	134991	51.890	ug/l	97
56) Ethyl methacrylate	10.40	69	237011	49.522	ug/l	100
57) 1,3-Dichloropropane	10.68	76	250289	52.076	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	410504	265.980	ug/l	99
59) 2-Hexanone	10.72	43	784428	252.059	ug/l	98
60) Dibromochloromethane	10.87	129	147640	52.341	ug/l	98
61) 1,2-Dibromoethane	10.98	107	137958	52.533	ug/l	100
64) Tetrachloroethene	10.60	164	111922	53.759	ug/l	96
65) Chlorobenzene	11.41	112	354796	52.031	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	131068	52.123	ug/l	98
67) Ethyl Benzene	11.48	91	676886	52.884	ug/l	100
68) m/p-Xylenes	11.60	106	484090	106.836	ug/l	99
69) o-Xylene	11.92	106	236749	53.664	ug/l	100
70) Styrene	11.94	104	407755	55.924	ug/l	99
71) Bromoform	12.10	173	97567	52.929	ug/l #	99
73) Isopropylbenzene	12.22	105	632148	50.541	ug/l	100
74) N-amyl acetate	12.04	43	326056	53.559	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	207368	49.309	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	187563m	47.293	ug/l	
77) Bromobenzene	12.50	156	233490m	82.114	ug/l	
78) n-propylbenzene	12.56	91	752388	51.497	ug/l	100
79) 2-Chlorotoluene	12.65	91	444979	50.182	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	532818	51.965	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	42761	28.859	ug/l	98
82) 4-Chlorotoluene	12.75	91	463501	51.487	ug/l	100
83) tert-Butylbenzene	12.97	119	447612	51.442	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	547897	53.759	ug/l	100
85) sec-Butylbenzene	13.15	105	590196	51.187	ug/l	100
86) p-Isopropyltoluene	13.26	119	524615	52.717	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	256869	52.365	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	255495	50.619	ug/l	98
89) n-Butylbenzene	13.59	91	472228	53.742	ug/l	99
90) Hexachloroethane	13.85	117	89262	45.598	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	251170	52.957	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	41338	53.863	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	135964	59.029	ug/l	98
94) Hexachlorobutadiene	14.99	225	62615	49.722	ug/l	98
95) Naphthalene	15.10	128	692854	98.358	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	134848	52.622	ug/l	99

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

