

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061863.D
 Acq On : 17 Jun 2020 21:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 9:37:37 AM

Quant Time: Jun 18 06:39:56 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	7.63	168	168557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	290420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	276609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	135491	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	109132	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
35) Dibromofluoromethane	7.55	113	95369	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
50) Toluene-d8	10.06	98	367666	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.38	95	124784	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	104423	47.626	ug/l	97
3) Chloromethane	2.03	50	109363	46.743	ug/l	99
4) Vinyl Chloride	2.16	62	137548	49.315	ug/l	99
5) Bromomethane	2.52	94	98615	46.041	ug/l	97
6) Chloroethane	2.67	64	91993	48.734	ug/l	100
7) Trichlorofluoromethane	2.98	101	168321	50.522	ug/l	97
8) Diethyl Ether	3.37	74	53262	47.554	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	81234	47.527	ug/l	99
10) Methyl Iodide	3.91	142	95560	46.716	ug/l	98
11) Tert butyl alcohol	4.74	59	65931	210.763	ug/l	99
12) 1,1-Dichloroethene	3.69	96	82541	48.196	ug/l	97
13) Acrolein	3.56	56	39857	213.179	ug/l	99
14) Allyl chloride	4.27	41	104266	45.871	ug/l	99
15) Acrylonitrile	4.93	53	184675	238.254	ug/l	100
16) Acetone	3.77	43	143628	215.096	ug/l	100
17) Carbon Disulfide	4.01	76	233007	46.498	ug/l	99
18) Methyl Acetate	4.27	43	87962	45.755	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	264758	46.430	ug/l	99
20) Methylene Chloride	4.50	84	96214	44.226	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	90859	46.188	ug/l	99
22) Diisopropyl ether	5.90	45	233268	44.872	ug/l	99
23) Vinyl Acetate	5.84	43	936326	229.006	ug/l	100
24) 1,1-Dichloroethane	5.80	63	153394	45.076	ug/l	99
25) 2-Butanone	6.78	43	224239	230.170	ug/l	97
26) 2,2-Dichloropropane	6.78	77	120991	42.259	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	105961	46.683	ug/l	98
28) Bromochloromethane	7.15	49	75492	49.823	ug/l	97
29) Tetrahydrofuran	7.17	42	150135	234.165	ug/l	99
30) Chloroform	7.33	83	165166	45.414	ug/l	97
31) Cyclohexane	7.61	56	132482	44.471	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	145665	47.029	ug/l	99
36) 1,1-Dichloropropene	7.75	75	124205	46.888	ug/l	99
37) Ethyl Acetate	6.88	43	94690	45.776	ug/l	98
38) Carbon Tetrachloride	7.73	117	127810	48.723	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	140875	49.389	ug/l	99
40) Benzene	8.00	78	380044	47.362	ug/l	99
41) Methacrylonitrile	7.14	41	45494m	51.432	ug/l	
42) 1,2-Dichloroethane	8.08	62	127047	46.434	ug/l	100
43) Isopropyl Acetate	8.13	43	164758	47.262	ug/l	99
44) Trichloroethene	8.80	130	101525	48.075	ug/l	95
45) 1,2-Dichloropropane	9.09	63	92865	47.092	ug/l	97
46) Dibromomethane	9.18	93	67799	48.824	ug/l	98
47) Bromodichloromethane	9.37	83	134793	47.405	ug/l	100
48) Methyl methacrylate	9.17	41	74314	46.876	ug/l	99
49) 1,4-Dioxane	9.17	88	35587	977.742	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	495073	240.324	ug/l	100
52) Toluene	10.12	92	245682	48.751	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	143266	47.462	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	155832	47.530	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	95575	48.202	ug/l	98
56) Ethyl methacrylate	10.40	69	132031	43.966	ug/l	100
57) 1,3-Dichloropropane	10.68	76	160747	47.854	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	256671	245.279	ug/l	98
59) 2-Hexanone	10.72	43	356044	218.143	ug/l	100
60) Dibromochloromethane	10.87	129	109487	49.486	ug/l	100
61) 1,2-Dibromoethane	10.98	107	100249	48.420	ug/l	99
64) Tetrachloroethene	10.60	164	85960	48.757	ug/l	99
65) Chlorobenzene	11.41	112	266957	45.738	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	97274	47.786	ug/l	100
67) Ethyl Benzene	11.48	91	464225	47.438	ug/l	100
68) m/p-Xylenes	11.59	106	365114	96.758	ug/l	100
69) o-Xylene	11.92	106	175472	48.736	ug/l	100
70) Styrene	11.94	104	297736	49.387	ug/l	99
71) Bromoform	12.10	173	72740	49.007	ug/l #	99
73) Isopropylbenzene	12.22	105	458223	47.592	ug/l	99
74) N-amyl acetate	12.05	43	143284	41.639	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	141346	45.154	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	123183m	46.309	ug/l	
77) Bromobenzene	12.50	156	113140	46.578	ug/l	97
78) n-propylbenzene	12.56	91	519168	47.257	ug/l	100
79) 2-Chlorotoluene	12.65	91	304530	46.153	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	382696	48.044	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	43793	44.903	ug/l	99
82) 4-Chlorotoluene	12.75	91	316640	46.442	ug/l	100
83) tert-Butylbenzene	12.97	119	319435	47.303	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	385851	49.071	ug/l	100
85) sec-Butylbenzene	13.15	105	426323	48.233	ug/l	100
86) p-Isopropyltoluene	13.26	119	387660	49.219	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	205958	46.489	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	206732	45.587	ug/l	100
89) n-Butylbenzene	13.59	91	311115	47.298	ug/l	100
90) Hexachloroethane	13.85	117	68464	47.487	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	201138	47.160	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	24353	47.921	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	95633	47.518	ug/l	99
94) Hexachlorobutadiene	14.99	225	36608	46.184	ug/l	96
95) Naphthalene	15.10	128	279396	42.051	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	96680	48.505	ug/l	99

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

