

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061915.D
 Acq On : 18 Jun 2020 21:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 1:03:29 PM

Quant Time: Jun 19 06:39:51 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	144287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	254514	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	241331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	117307	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	99589	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
35) Dibromofluoromethane	7.55	113	85323	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
50) Toluene-d8	10.06	98	323575	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.37	95	109685	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	97341	51.838	ug/l	99
3) Chloromethane	2.03	50	108403	54.126	ug/l	98
4) Vinyl Chloride	2.16	62	136021	56.971	ug/l	99
5) Bromomethane	2.52	94	92620	50.516	ug/l	99
6) Chloroethane	2.66	64	91999	56.935	ug/l	97
7) Trichlorofluoromethane	2.98	101	156238	54.784	ug/l	95
8) Diethyl Ether	3.37	74	54692	57.044	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	75329	51.485	ug/l	99
10) Methyl Iodide	3.91	142	96383	54.095	ug/l	99
11) Tert butyl alcohol	4.73	59	68934	257.429	ug/l	99
12) 1,1-Dichloroethene	3.69	96	80484	54.900	ug/l	97
13) Acrolein	3.57	56	42762	267.188	ug/l	98
14) Allyl chloride	4.27	41	103225	53.052	ug/l	98
15) Acrylonitrile	4.93	53	193826	292.121	ug/l	100
16) Acetone	3.77	43	146613	256.499	ug/l	98
17) Carbon Disulfide	4.01	76	220085	51.307	ug/l	99
18) Methyl Acetate	4.28	43	90705	55.119	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	275376	56.415	ug/l	99
20) Methylene Chloride	4.50	84	99380	53.366	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	89968	53.428	ug/l	99
22) Diisopropyl ether	5.90	45	244160	54.868	ug/l	100
23) Vinyl Acetate	5.84	43	985440	281.559	ug/l	100
24) 1,1-Dichloroethane	5.80	63	159243	54.666	ug/l	98
25) 2-Butanone	6.79	43	236440	283.516	ug/l	97
26) 2,2-Dichloropropane	6.78	77	113854	46.456	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	105329	54.210	ug/l	98
28) Bromochloromethane	7.15	49	67827	52.294	ug/l	100
29) Tetrahydrofuran	7.17	42	155681	283.658	ug/l	99
30) Chloroform	7.33	83	169331	54.390	ug/l	100
31) Cyclohexane	7.61	56	117471	46.065	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	143917	54.280	ug/l	98
36) 1,1-Dichloropropene	7.75	75	119025	51.272	ug/l	99
37) Ethyl Acetate	6.88	43	103540	57.115	ug/l	97
38) Carbon Tetrachloride	7.73	117	121177	52.711	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	122206	48.888	ug/l	99
40) Benzene	8.00	78	374809	53.299	ug/l	100
41) Methacrylonitrile	7.13	41	43752m	56.440	ug/l	
42) 1,2-Dichloroethane	8.09	62	129329	53.937	ug/l	99
43) Isopropyl Acetate	8.13	43	167796	54.924	ug/l	99
44) Trichloroethene	8.80	130	97049	52.439	ug/l	96
45) 1,2-Dichloropropane	9.08	63	94017	54.403	ug/l	99
46) Dibromomethane	9.18	93	68260	56.091	ug/l	98
47) Bromodichloromethane	9.37	83	136044	54.594	ug/l	97
48) Methyl methacrylate	9.17	41	78974	56.844	ug/l	97
49) 1,4-Dioxane	9.17	88	34049	1067.462	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	515189	285.371	ug/l	100
52) Toluene	10.12	92	239024	54.121	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	144077	54.464	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	154145	53.648	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	99034	56.993	ug/l	98
56) Ethyl methacrylate	10.40	69	136671	51.406	ug/l	99
57) 1,3-Dichloropropane	10.68	76	165568	56.243	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	240207	261.929	ug/l	100
59) 2-Hexanone	10.72	43	376396	260.381	ug/l	100
60) Dibromochloromethane	10.87	129	110335	56.905	ug/l	99
61) 1,2-Dibromoethane	10.98	107	100047	55.139	ug/l	98
64) Tetrachloroethene	10.60	164	78700	51.165	ug/l	99
65) Chlorobenzene	11.41	112	265348	52.108	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	98388	55.399	ug/l	99
67) Ethyl Benzene	11.48	91	449391	52.635	ug/l	99
68) m/p-Xylenes	11.59	106	352859	107.179	ug/l	99
69) o-Xylene	11.92	106	170148	54.165	ug/l	98
70) Styrene	11.94	104	295081	56.102	ug/l	100
71) Bromoform	12.10	173	74700	57.685	ug/l #	98
73) Isopropylbenzene	12.22	105	431205	51.728	ug/l	99
74) N-amyl acetate	12.04	43	152461	50.473	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	145752	53.779	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	128662m	55.866	ug/l	
77) Bromobenzene	12.50	156	113743	54.085	ug/l	97
78) n-propylbenzene	12.57	91	490050	51.521	ug/l	99
79) 2-Chlorotoluene	12.65	91	295148	51.665	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	368684	53.459	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	44426	52.613	ug/l	98
82) 4-Chlorotoluene	12.75	91	308260	52.221	ug/l	100
83) tert-Butylbenzene	12.97	119	303003	51.825	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	371975	54.640	ug/l	99
85) sec-Butylbenzene	13.15	105	400089	52.281	ug/l	99
86) p-Isopropyltoluene	13.26	119	365666	53.624	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	201246	52.467	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	202434	51.559	ug/l	100
89) n-Butylbenzene	13.59	91	292279	51.323	ug/l	99
90) Hexachloroethane	13.85	117	66697	53.432	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	198914	53.868	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	24881	56.549	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	93485	53.651	ug/l	98
94) Hexachlorobutadiene	14.98	225	34495	50.264	ug/l	100
95) Naphthalene	15.10	128	281442	48.355	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	95008	55.055	ug/l	100

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

