

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN061990.D
 Acq On : 22 Jun 2020 11:02
 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
 6/23/2020 12:48:02 PM

Quant Time: Jun 22 15:02:57 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	171483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	288276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	275470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136355	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	128019	55.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.32%	
35) Dibromofluoromethane	7.54	113	103831	56.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.60%	
50) Toluene-d8	10.06	98	403348	55.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.26%	
62) 4-Bromofluorobenzene	12.37	95	143099	57.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	102180	45.819	ug/l	100
3) Chloromethane	2.03	50	101049	42.453	ug/l	98
4) Vinyl Chloride	2.16	62	127026	44.765	ug/l	98
5) Bromomethane	2.52	94	89520	41.082	ug/l	97
6) Chloroethane	2.66	64	89229	46.463	ug/l	100
7) Trichlorofluoromethane	2.97	101	165573	48.849	ug/l	97
8) Diethyl Ether	3.37	74	60628	53.207	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	86790	49.911	ug/l	98
10) Methyl Iodide	3.91	142	104545	49.835	ug/l	100
11) Tert butyl alcohol	4.73	59	83227	261.514	ug/l	98
12) 1,1-Dichloroethene	3.69	96	82824	47.536	ug/l	97
13) Acrolein	3.56	56	64433	338.746	ug/l	100
14) Allyl chloride	4.27	41	119083	51.496	ug/l	99
15) Acrylonitrile	4.92	53	223465	283.378	ug/l	98
16) Acetone	3.77	43	187144	275.483	ug/l	98
17) Carbon Disulfide	4.00	76	199479	39.128	ug/l	100
18) Methyl Acetate	4.27	43	105776	54.083	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	311292	53.659	ug/l	100
20) Methylene Chloride	4.50	84	105306	47.580	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	93309	46.624	ug/l	97
22) Diisopropyl ether	5.90	45	289221	54.686	ug/l	98
23) Vinyl Acetate	5.84	43	1152101	276.972	ug/l	98
24) 1,1-Dichloroethane	5.79	63	175848	50.792	ug/l	97
25) 2-Butanone	6.78	43	282099	284.619	ug/l	100
26) 2,2-Dichloropropane	6.77	77	151802	52.116	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	115731	50.118	ug/l	98
28) Bromochloromethane	7.14	49	87088	56.496	ug/l	94
29) Tetrahydrofuran	7.16	42	179966	275.903	ug/l	98
30) Chloroform	7.32	83	186575	50.425	ug/l	99
31) Cyclohexane	7.61	56	134168	44.269	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	154726	49.102	ug/l	99
36) 1,1-Dichloropropene	7.75	75	131201	49.898	ug/l	99
37) Ethyl Acetate	6.88	43	116889	56.927	ug/l	99
38) Carbon Tetrachloride	7.73	117	131485	50.497	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	141930	50.129	ug/l	99
40) Benzene	8.00	78	412365	51.772	ug/l	99
41) Methacrylonitrile	7.12	41	48447	55.178	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	147506	54.313	ug/l	99
43) Isopropyl Acetate	8.12	43	201229	58.153	ug/l #	90
44) Trichloroethene	8.80	130	105503	50.331	ug/l	98
45) 1,2-Dichloropropane	9.08	63	107079	54.704	ug/l	99
46) Dibromomethane	9.17	93	74888	54.330	ug/l	99
47) Bromodichloromethane	9.37	83	153349	54.332	ug/l	98
48) Methyl methacrylate	9.17	41	92390	58.712	ug/l	95
49) 1,4-Dioxane	9.17	88	41332	1144.030	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	603289	295.034	ug/l	99
52) Toluene	10.12	92	265826	53.141	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	171778	57.330	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	184044	56.552	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	111414	56.609	ug/l	98
56) Ethyl methacrylate	10.40	69	156864	52.052	ug/l	98
57) 1,3-Dichloropropane	10.68	76	187360	56.191	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	328686	316.434	ug/l	98
59) 2-Hexanone	10.72	43	439028	267.740	ug/l	99
60) Dibromochloromethane	10.87	129	121763	55.444	ug/l	100
61) 1,2-Dibromoethane	10.98	107	111392	54.202	ug/l	99
64) Tetrachloroethene	10.60	164	87529	49.853	ug/l	98
65) Chlorobenzene	11.40	112	294914	50.737	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	108033	53.291	ug/l	100
67) Ethyl Benzene	11.48	91	516578	53.006	ug/l	99
68) m/p-Xylenes	11.59	106	399036	106.184	ug/l	99
69) o-Xylene	11.92	106	190841	53.224	ug/l	98
70) Styrene	11.94	104	330389	55.030	ug/l	100
71) Bromoform	12.10	173	81637	55.229	ug/l #	99
73) Isopropylbenzene	12.22	105	506391	52.261	ug/l	100
74) N-amyl acetate	12.04	43	179452	51.070	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	164138	52.102	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	146199m	54.613	ug/l	
77) Bromobenzene	12.50	156	123940	50.701	ug/l	97
78) n-propylbenzene	12.56	91	583280	52.756	ug/l	100
79) 2-Chlorotoluene	12.65	91	342957	51.648	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	421205	52.543	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	55042	56.079	ug/l	98
82) 4-Chlorotoluene	12.75	91	360007	52.468	ug/l	99
83) tert-Butylbenzene	12.97	119	352424	51.857	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	428674	54.172	ug/l	99
85) sec-Butylbenzene	13.15	105	477443	53.674	ug/l	99
86) p-Isopropyltoluene	13.26	119	432052	54.508	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	228947	51.351	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	226615	49.655	ug/l	99
89) n-Butylbenzene	13.59	91	361000	54.535	ug/l	99
90) Hexachloroethane	13.85	117	79131	54.538	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	222558	51.851	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	27893	54.539	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	107262	52.958	ug/l	99
94) Hexachlorobutadiene	14.98	225	43151	54.093	ug/l	99
95) Naphthalene	15.10	128	309146	45.887	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	108015	53.849	ug/l	99

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

