

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062098.D
 Acq On : 25 Jun 2020 5:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:10:59 PM

Quant Time: Jun 25 06:20:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	244637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	450214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	426324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	204996	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	181465	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
35) Dibromofluoromethane	7.55	113	148559	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
50) Toluene-d8	10.06	98	581581	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.37	95	197679	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	130292	47.119	ug/l	98
3) Chloromethane	2.03	50	169712	52.191	ug/l	100
4) Vinyl Chloride	2.16	62	209333	48.071	ug/l	100
5) Bromomethane	2.52	94	115927	41.191	ug/l	100
6) Chloroethane	2.67	64	144739	48.657	ug/l	97
7) Trichlorofluoromethane	2.98	101	252583	47.073	ug/l	96
8) Diethyl Ether	3.37	74	96042	51.259	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	129690	46.155	ug/l	98
10) Methyl Iodide	3.91	142	152087	48.060	ug/l	100
11) Tert butyl alcohol	4.73	59	100234	203.350	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	136889	48.732	ug/l	99
13) Acrolein	3.57	56	109634	227.177	ug/l	100
14) Allyl chloride	4.27	41	183366	47.946	ug/l	100
15) Acrylonitrile	4.93	53	329896	245.603	ug/l	99
16) Acetone	3.77	43	252082	233.666	ug/l	99
17) Carbon Disulfide	4.01	76	403701	50.175	ug/l	99
18) Methyl Acetate	4.28	43	131988	48.363	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	455924	50.794	ug/l	98
20) Methylene Chloride	4.50	84	163320	51.830	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	151038	47.199	ug/l	96
22) Diisopropyl ether	5.90	45	435646	50.029	ug/l	99
23) Vinyl Acetate	5.84	43	1824307	256.601	ug/l	100
24) 1,1-Dichloroethane	5.80	63	268697	47.918	ug/l	100
25) 2-Butanone	6.79	43	392905	234.145	ug/l	100
26) 2,2-Dichloropropane	6.77	77	160155	34.275	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	176174	48.925	ug/l	95
28) Bromochloromethane	7.15	49	117769	48.406	ug/l	98
29) Tetrahydrofuran	7.17	42	268421	244.197	ug/l	99
30) Chloroform	7.33	83	280434	49.155	ug/l	97
31) Cyclohexane	7.61	56	227976	48.065	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	237442	49.351	ug/l	99
36) 1,1-Dichloropropene	7.75	75	212311	46.916	ug/l	99
37) Ethyl Acetate	6.88	43	174556	46.583	ug/l	99
38) Carbon Tetrachloride	7.73	117	199406	46.739	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	227946	45.972	ug/l	99
40) Benzene	8.00	78	646319	46.859	ug/l	98
41) Methacrylonitrile	7.14	41	83173m	47.877	ug/l	
42) 1,2-Dichloroethane	8.09	62	220311	47.276	ug/l	100
43) Isopropyl Acetate	8.13	43	293376	48.027	ug/l	99
44) Trichloroethene	8.80	130	157526	45.275	ug/l	98
45) 1,2-Dichloropropane	9.09	63	162947	47.886	ug/l	99
46) Dibromomethane	9.18	93	108586	47.066	ug/l	100
47) Bromodichloromethane	9.37	83	227915	48.926	ug/l	99
48) Methyl methacrylate	9.17	41	138574	50.594	ug/l	97
49) 1,4-Dioxane	9.17	88	49371	812.842	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	873047	244.621	ug/l	100
52) Toluene	10.12	92	412186	48.977	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	237357	46.313	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	256381	46.987	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	161586	48.844	ug/l	99
56) Ethyl methacrylate	10.40	69	227778	51.593	ug/l	100
57) 1,3-Dichloropropane	10.68	76	275060	48.305	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	433510	231.879	ug/l	100
59) 2-Hexanone	10.72	43	641859	249.058	ug/l	100
60) Dibromochloromethane	10.87	129	172206	49.168	ug/l	99
61) 1,2-Dibromoethane	10.98	107	164035	48.257	ug/l	100
64) Tetrachloroethene	10.60	164	130392	44.775	ug/l	99
65) Chlorobenzene	11.41	112	430914	46.027	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	153972	47.561	ug/l	99
67) Ethyl Benzene	11.48	91	779505	49.300	ug/l	99
68) m/p-Xylenes	11.59	106	600072	98.121	ug/l	100
69) o-Xylene	11.92	106	288182	49.943	ug/l	99
70) Styrene	11.94	104	490864	51.009	ug/l	100
71) Bromoform	12.10	173	113403	49.268	ug/l #	99
73) Isopropylbenzene	12.22	105	751844	47.380	ug/l	100
74) N-amyl acetate	12.04	43	274087	47.128	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	238634	45.191	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	196057m	40.627	ug/l	
77) Bromobenzene	12.50	156	178216	45.237	ug/l	98
78) n-propylbenzene	12.57	91	861653	47.471	ug/l	100
79) 2-Chlorotoluene	12.65	91	510968	46.565	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	622524	48.394	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	70884	42.896	ug/l	98
82) 4-Chlorotoluene	12.75	91	533404	47.007	ug/l	98
83) tert-Butylbenzene	12.97	119	526547	47.829	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	625077	48.653	ug/l	100
85) sec-Butylbenzene	13.15	105	696652	47.890	ug/l	100
86) p-Isopropyltoluene	13.26	119	618456	48.526	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	324663	46.931	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	321240	45.048	ug/l	99
89) n-Butylbenzene	13.59	91	509949	48.128	ug/l	99
90) Hexachloroethane	13.85	117	118001	47.191	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	317807	47.375	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	41399	48.939	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	148732	50.752	ug/l	99
94) Hexachlorobutadiene	14.99	225	56586	44.457	ug/l	100
95) Naphthalene	15.10	128	454507	46.794	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	147289	49.153	ug/l	97

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

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