

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101620\
 Data File : VN064163.D
 Acq On : 16 Oct 2020 14:18
 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
 10/19/2020 4:22:19 PM

Quant Time: Oct 17 01:40:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	481504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	765797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	731422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	350744	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	358413	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
35) Dibromofluoromethane	7.55	113	267952	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	10.06	98	1056472	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
62) 4-Bromofluorobenzene	12.38	95	363891	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	221873	48.907	ug/l	100
3) Chloromethane	2.04	50	291428	51.575	ug/l	99
4) Vinyl Chloride	2.16	62	319271	45.393	ug/l	99
5) Bromomethane	2.52	94	226140	42.844	ug/l	100
6) Chloroethane	2.67	64	245095	43.831	ug/l	97
7) Trichlorofluoromethane	2.98	101	461596	47.716	ug/l	98
8) Diethyl Ether	3.37	74	146727	48.480	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.72	101	234653	49.412	ug/l	99
10) Methyl Iodide	3.91	142	288574	43.103	ug/l	100
11) Tert butyl alcohol	4.73	59	223053	293.762	ug/l	100
12) 1,1-Dichloroethene	3.69	96	221269	46.139	ug/l	96
13) Acrolein	3.57	56	143383	229.903	ug/l	97
14) Allyl chloride	4.27	41	401786	53.695	ug/l	95
15) Acrylonitrile	4.93	53	610218	279.899	ug/l	99
16) Acetone	3.77	43	615477	302.582	ug/l	98
17) Carbon Disulfide	4.01	76	658793	48.062	ug/l	99
18) Methyl Acetate	4.28	43	297798	58.364	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	714079	50.481	ug/l	98
20) Methylene Chloride	4.50	84	285333	45.334	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	259405	47.710	ug/l	93
22) Diisopropyl ether	5.90	45	819902	56.404	ug/l	94
23) Vinyl Acetate	5.84	43	3797654	292.477	ug/l	96
24) 1,1-Dichloroethane	5.79	63	504836	49.732	ug/l	99
25) 2-Butanone	6.78	43	940078	300.475	ug/l	94
26) 2,2-Dichloropropane	6.77	77	405057	47.961	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	297751	46.551	ug/l	94
28) Bromochloromethane	7.15	49	278612	57.624	ug/l #	100
29) Tetrahydrofuran	7.16	42	551911	301.839	ug/l	93
30) Chloroform	7.33	83	521007	48.178	ug/l	99
31) Cyclohexane	7.61	56	370371	48.855	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	443765	47.489	ug/l	97
36) 1,1-Dichloropropene	7.75	75	381641	51.704	ug/l	99
37) Ethyl Acetate	6.88	43	402628	61.464	ug/l	98
38) Carbon Tetrachloride	7.73	117	388188	48.908	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	326205	52.568	ug/l	93
40) Benzene	8.00	78	1159296	51.864	ug/l	99
41) Methacrylonitrile	7.13	41	173262	61.093	ug/l	95
42) 1,2-Dichloroethane	8.08	62	429128	53.956	ug/l	99
43) Isopropyl Acetate	8.13	43	633025	58.234	ug/l #	88
44) Trichloroethene	8.80	130	279892	47.619	ug/l	99
45) 1,2-Dichloropropane	9.08	63	315322	53.842	ug/l	98
46) Dibromomethane	9.17	93	204451	49.207	ug/l	98
47) Bromodichloromethane	9.37	83	415759	51.145	ug/l	99
48) Methyl methacrylate	9.16	41	307266	61.194	ug/l	95
49) 1,4-Dioxane	9.16	88	94093	1234.071	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	2049999	318.702	ug/l	97
52) Toluene	10.12	92	718588	52.320	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	444223	53.259	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	482614	52.660	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	288199	50.651	ug/l	99
56) Ethyl methacrylate	10.40	69	411040	49.864	ug/l	91
57) 1,3-Dichloropropane	10.68	76	491992	52.505	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	1129171	268.369	ug/l	97
59) 2-Hexanone	10.72	43	1504216	301.105	ug/l	95
60) Dibromochloromethane	10.87	129	310946	48.650	ug/l	99
61) 1,2-Dibromoethane	10.98	107	291347	50.307	ug/l	99
64) Tetrachloroethene	10.60	164	254389	46.131	ug/l	98
65) Chlorobenzene	11.41	112	749024	48.630	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	283068	48.406	ug/l	100
67) Ethyl Benzene	11.48	91	1380130	53.490	ug/l	98
68) m/p-Xylenes	11.59	106	1017534	95.758	ug/l	95
69) o-Xylene	11.92	106	474964	46.771	ug/l	96
70) Styrene	11.94	104	843408	48.135	ug/l	99
71) Bromoform	12.10	173	216596	44.946	ug/l #	99
73) Isopropylbenzene	12.22	105	1267845	49.903	ug/l	99
74) N-amyl acetate	12.05	43	573346	60.261	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	422617	48.315	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	380771m	46.274	ug/l	
77) Bromobenzene	12.50	156	305762	44.331	ug/l	85
78) n-propylbenzene	12.57	91	1526498	53.832	ug/l	97
79) 2-Chlorotoluene	12.65	91	904835	50.171	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	1077074	52.817	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	146623	54.439	ug/l	96
82) 4-Chlorotoluene	12.75	91	951213	52.332	ug/l	97
83) tert-Butylbenzene	12.97	119	843189	49.996	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	1064282	50.072	ug/l	99
85) sec-Butylbenzene	13.14	105	1139069	52.539	ug/l	99
86) p-Isopropyltoluene	13.26	119	1026302	50.047	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	556921	48.462	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	560981	47.727	ug/l	98
89) n-Butylbenzene	13.59	91	869657	55.048	ug/l	98
90) Hexachloroethane	13.85	117	180392	49.995	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	550841	48.159	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	83218	49.430	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	242589	43.625	ug/l	96
94) Hexachlorobutadiene	14.98	225	138761	50.925	ug/l	98
95) Naphthalene	15.10	128	716197	42.347	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	248784	44.754	ug/l	98

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

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