

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049360.D
 Acq On : 18 Jun 2018 22:57
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:55:44 PM

Quant Time: Jun 19 04:02:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1408026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2129229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1951897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1013371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	967126	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
35) Dibromofluoromethane	7.59	113	857344	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.09	98	3231658	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.40	95	1119323	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	699582	43.167	ug/l	100
3) Chloromethane	2.06	50	888324	42.448	ug/l	97
4) Vinyl Chloride	2.18	62	992409	44.620	ug/l	100
5) Bromomethane	2.56	94	406690	34.784	ug/l	94
6) Chloroethane	2.70	64	634366	47.836	ug/l	100
7) Trichlorofluoromethane	3.01	101	1313917	47.355	ug/l	100
8) Diethyl Ether	3.41	74	492112	50.801	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.75	101	824686	46.862	ug/l	93
10) Methyl Iodide	3.95	142	843796	46.059	ug/l	92
11) Tert butyl alcohol	4.80	59	323382	295.032	ug/l #	87
12) 1,1-Dichloroethene	3.73	96	749430	46.421	ug/l	92
13) Acrolein	3.61	56	203539	177.075	ug/l	99
14) Allyl chloride	4.32	41	1242554	48.744	ug/l	89
15) Acrylonitrile	4.99	53	1557913	284.247	ug/l	98
16) Acetone	3.82	43	1068330	235.606	ug/l	91
17) Carbon Disulfide	4.05	76	2154009	42.568	ug/l	100
18) Methyl Acetate	4.33	43	798393	57.746	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	2289985	55.633	ug/l	100
20) Methylene Chloride	4.55	84	911623	48.137	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	825671	48.308	ug/l	92
22) Diisopropyl ether	5.96	45	2704218	53.123	ug/l	96
23) Vinyl Acetate	5.90	43	9281716	279.693	ug/l	96
24) 1,1-Dichloroethane	5.85	63	1611896	49.473	ug/l	98
25) 2-Butanone	6.84	43	1701536	279.463	ug/l	97
26) 2,2-Dichloropropane	6.83	77	1022438	38.857	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	943145	49.633	ug/l	91
28) Bromochloromethane	7.20	49	747375	51.740	ug/l	85
29) Tetrahydrofuran	7.22	42	1148626	293.071	ug/l	94
30) Chloroform	7.37	83	1627825	50.203	ug/l	99
31) Cyclohexane	7.65	56	1360168	49.242	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	1385731	50.087	ug/l	96
36) 1,1-Dichloropropene	7.79	75	1211122	49.629	ug/l	98
37) Ethyl Acetate	6.93	43	787525	59.362	ug/l	97
38) Carbon Tetrachloride	7.78	117	1236312	48.936	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1243181	47.458	ug/l	96
40) Benzene	8.04	78	3667715	49.024	ug/l	99
41) Methacrylonitrile	7.18	41	423272	59.017	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	1169634	50.602	ug/l	96
43) Isopropyl Acetate	8.17	43	1505238	59.384	ug/l	98
44) Trichloroethene	8.84	130	976089	49.406	ug/l	94
45) 1,2-Dichloropropane	9.12	63	984799	50.273	ug/l	99
46) Dibromomethane	9.21	93	588807	51.838	ug/l	91
47) Bromodichloromethane	9.41	83	1265882	50.715	ug/l	97
48) Methyl methacrylate	9.20	41	709070	59.403	ug/l	88
49) 1,4-Dioxane	9.20	88	192737	1169.915	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	3967349	298.637	ug/l	94
52) Toluene	10.16	92	2274404	51.797	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	1238050	51.848	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1405636	49.855	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	847265	51.759	ug/l	98
56) Ethyl methacrylate	10.43	69	1117296	59.164	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	1425287	52.559	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1755116	259.392	ug/l	95
59) 2-Hexanone	10.75	43	2581799	301.444	ug/l	92
60) Dibromochloromethane	10.90	129	960223	52.557	ug/l	98
61) 1,2-Dibromoethane	11.01	107	816599	53.668	ug/l	100
64) Tetrachloroethene	10.63	164	1021059	51.050	ug/l	98
65) Chlorobenzene	11.44	112	2469405	49.111	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	921116	48.679	ug/l	99
67) Ethyl Benzene	11.51	91	4319683	51.793	ug/l	98
68) m/p-Xylenes	11.63	106	3307832	105.681	ug/l	97
69) o-Xylene	11.95	106	1597099	52.976	ug/l	96
70) Styrene	11.97	104	2631444	55.327	ug/l	97
71) Bromoform	12.13	173	657545	53.684	ug/l	99
73) Isopropylbenzene	12.25	105	4275439	48.051	ug/l	98
74) N-amyl acetate	12.07	43	1225742	56.244	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	1025131	56.287	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	853235m	49.346	ug/l	
77) Bromobenzene	12.53	156	1072961	45.654	ug/l	92
78) n-propylbenzene	12.59	91	4860835	49.755	ug/l	99
79) 2-Chlorotoluene	12.68	91	2924674	47.247	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	3501410	50.066	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	270881	49.514	ug/l	92
82) 4-Chlorotoluene	12.78	91	2935642	49.157	ug/l	97
83) tert-Butylbenzene	13.00	119	3006194	48.520	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	3549675	51.093	ug/l	98
85) sec-Butylbenzene	13.17	105	3968712	48.126	ug/l	99
86) p-Isopropyltoluene	13.29	119	3438046	49.901	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	1889598	48.873	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1839818	48.011	ug/l	99
89) n-Butylbenzene	13.62	91	2705291	50.271	ug/l	98
90) Hexachloroethane	13.88	117	656604	50.370	ug/l	88
91) 1,2-Dichlorobenzene	13.66	146	1860958	49.075	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	160225	51.724	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	803521	46.591	ug/l	99
94) Hexachlorobutadiene	15.01	225	536792	48.304	ug/l	99
95) Naphthalene	15.14	128	1675355	53.664	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	814234	48.068	ug/l	98

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

