

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049582.D
 Acq On : 28 Jun 2018 11:29
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 1:46:41 PM

Quant Time: Jun 29 01:56:08 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	7.66	168	1523972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2278517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2063217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1145995	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	949569	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
35) Dibromofluoromethane	7.59	113	833006	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	
50) Toluene-d8	10.09	98	3333814	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
62) 4-Bromofluorobenzene	12.40	95	1148343	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	874659	49.86	ug/l	98
3) Chloromethane	2.06	50	1006850	44.45	ug/l	98
4) Vinyl Chloride	2.18	62	1103489	45.84	ug/l	98
5) Bromomethane	2.56	94	519315	41.04	ug/l	97
6) Chloroethane	2.70	64	679467	47.34	ug/l	100
7) Trichlorofluoromethane	3.02	101	1229168	40.93	ug/l	99
8) Diethyl Ether	3.41	74	489719	46.71	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	897205	47.10	ug/l	92
10) Methyl Iodide	3.95	142	1091383	55.04	ug/l	91
11) Tert butyl alcohol	4.79	59	254474	214.50	ug/l #	70
12) 1,1-Dichloroethene	3.73	96	820450	46.95	ug/l	91
13) Acrolein	3.60	56	306322	246.22	ug/l	98
14) Allyl chloride	4.32	41	1066042	38.64	ug/l	89
15) Acrylonitrile	4.99	53	1348153	227.26	ug/l	98
16) Acetone	3.82	43	918610	187.17	ug/l	94
17) Carbon Disulfide	4.05	76	2439298	44.54	ug/l	100
18) Methyl Acetate	4.32	43	918380	61.37	ug/l	93
19) Methyl tert-butyl Ether	5.04	73	2155477	48.38	ug/l	100
20) Methylene Chloride	4.55	84	916437	44.71	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	866294	46.83	ug/l	92
22) Diisopropyl ether	5.95	45	2677619	48.60	ug/l	98
23) Vinyl Acetate	5.90	43	8886748	247.42	ug/l	96
24) 1,1-Dichloroethane	5.85	63	1619237	45.92	ug/l	98
25) 2-Butanone	6.84	43	1454481	220.71	ug/l	94
26) 2,2-Dichloropropane	6.82	77	1345783	47.25	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	976390	47.47	ug/l	91
28) Bromochloromethane	7.19	49	727429	46.53	ug/l	84
29) Tetrahydrofuran	7.21	42	983102	231.75	ug/l	93
30) Chloroform	7.37	83	1635203	46.59	ug/l	99
31) Cyclohexane	7.65	56	1471327	49.21	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	1415773	47.28	ug/l	97
36) 1,1-Dichloropropene	7.79	75	1258515	48.19	ug/l	97
37) Ethyl Acetate	6.93	43	678011	47.76	ug/l #	96
38) Carbon Tetrachloride	7.77	117	1224918	45.31	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1431971	51.08	ug/l	94
40) Benzene	8.04	78	3707201	46.30	ug/l	100
41) Methacrylonitrile	7.18	41	381812	49.75	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1146054	46.33	ug/l	97
43) Isopropyl Acetate	8.17	43	1466677	54.07	ug/l #	89
44) Trichloroethene	8.83	130	1090018	51.56	ug/l	93
45) 1,2-Dichloropropane	9.12	63	970976	46.32	ug/l	99
46) Dibromomethane	9.21	93	568557	46.78	ug/l	90
47) Bromodichloromethane	9.40	83	1238992	46.39	ug/l	97
48) Methyl methacrylate	9.20	41	614189	48.08	ug/l #	84
49) 1,4-Dioxane	9.20	88	160969	913.06	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	3385275	238.13	ug/l	94
52) Toluene	10.16	92	2293155	48.80	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	1211635	47.42	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1442130	47.80	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	794995	45.38	ug/l	97
56) Ethyl methacrylate	10.43	69	1022986	50.62	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	1344395	46.33	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2368875	323.42	ug/l	94
59) 2-Hexanone	10.75	43	2290259	249.88	ug/l	92
60) Dibromochloromethane	10.90	129	911882	46.64	ug/l	98
61) 1,2-Dibromoethane	11.01	107	788660	48.44	ug/l	99
64) Tetrachloroethene	10.63	164	1268726	60.01	ug/l	97
65) Chlorobenzene	11.44	112	2526126	47.53	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	902823	45.14	ug/l	99
67) Ethyl Benzene	11.51	91	4380900	49.69	ug/l	98
68) m/p-Xylenes	11.62	106	3443039	104.07	ug/l	96
69) o-Xylene	11.95	106	1640802	51.49	ug/l	95
70) Styrene	11.96	104	2710254	53.91	ug/l	97
71) Bromoform	12.13	173	606025	46.81	ug/l	99
73) Isopropylbenzene	12.25	105	4326817	43.00	ug/l	97
74) N-amyl acetate	12.07	43	1152993	46.78	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	873663	41.84	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	793558m	40.58	ug/l	
77) Bromobenzene	12.53	156	1104600	41.56	ug/l	89
78) n-propylbenzene	12.59	91	5127568	46.41	ug/l	98
79) 2-Chlorotoluene	12.68	91	3017021	43.10	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	3732340	47.19	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	251853	40.71	ug/l	92
82) 4-Chlorotoluene	12.77	91	3137206	46.45	ug/l	97
83) tert-Butylbenzene	12.99	119	3097918	44.21	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	3817770	48.59	ug/l	97
85) sec-Butylbenzene	13.17	105	4218479	45.23	ug/l	98
86) p-Isopropyltoluene	13.29	119	3773973	48.44	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	2047812	46.84	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1997508	46.09	ug/l	99
89) n-Butylbenzene	13.62	91	3210697	52.76	ug/l	97
90) Hexachloroethane	13.88	117	407769	26.87	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	1970662	45.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	142577	40.70	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1000062	50.80	ug/l	99
94) Hexachlorobutadiene	15.01	225	623091	49.66	ug/l	98
95) Naphthalene	15.14	128	2018753	56.62	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	944894	49.24	ug/l	99

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

