

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049409.D
 Acq On : 20 Jun 2018 1:56
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/20/2018 4:54:02 PM

Quant Time: Jun 20 06:43:58 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	1468643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2207358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2003130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1013406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	902624	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
35) Dibromofluoromethane	7.59	113	816186	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	
50) Toluene-d8	10.09	98	3056510	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	
62) 4-Bromofluorobenzene	12.40	95	1026846	45.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	788727	46.659	ug/l	98
3) Chloromethane	2.06	50	964334	44.178	ug/l	99
4) Vinyl Chloride	2.18	62	1072792	46.244	ug/l	99
5) Bromomethane	2.56	94	512101	41.992	ug/l	97
6) Chloroethane	2.70	64	661236	47.804	ug/l	98
7) Trichlorofluoromethane	3.01	101	1383940	47.820	ug/l	99
8) Diethyl Ether	3.41	74	483612	47.863	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	834567	45.467	ug/l	93
10) Methyl Iodide	3.95	142	1033132	54.066	ug/l	93
11) Tert butyl alcohol	4.80	59	259885	227.315	ug/l	97
12) 1,1-Dichloroethene	3.73	96	784071	46.562	ug/l	91
13) Acrolein	3.61	56	392133	327.067	ug/l	99
14) Allyl chloride	4.32	41	1227166	46.153	ug/l	89
15) Acrylonitrile	4.99	53	1408140	246.316	ug/l	98
16) Acetone	3.82	43	961242	203.240	ug/l	94
17) Carbon Disulfide	4.05	76	2362197	44.755	ug/l	100
18) Methyl Acetate	4.33	43	704344	48.841	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	2135706	49.744	ug/l	99
20) Methylene Chloride	4.55	84	912950	46.218	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	838398	47.028	ug/l	92
22) Diisopropyl ether	5.96	45	2637830	49.680	ug/l	96
23) Vinyl Acetate	5.90	43	8789402	253.926	ug/l	96
24) 1,1-Dichloroethane	5.85	63	1596521	46.979	ug/l	98
25) 2-Butanone	6.84	43	1489983	234.617	ug/l	97
26) 2,2-Dichloropropane	6.83	77	966856	35.228	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	948354	47.847	ug/l	89
28) Bromochloromethane	7.20	49	707616	46.965	ug/l	84
29) Tetrahydrofuran	7.21	42	1020995	249.754	ug/l	94
30) Chloroform	7.37	83	1612968	47.691	ug/l	100
31) Cyclohexane	7.65	56	1388176	48.178	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	1384671	47.983	ug/l	97
36) 1,1-Dichloropropene	7.79	75	1216424	48.082	ug/l	97
37) Ethyl Acetate	6.93	43	717171	52.145	ug/l	97
38) Carbon Tetrachloride	7.77	117	1246920	47.609	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1243837	45.803	ug/l	96
40) Benzene	8.04	78	3706353	47.787	ug/l	99
41) Methacrylonitrile	7.17	41	298085	40.091	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	1147635	47.893	ug/l	96
43) Isopropyl Acetate	8.17	43	1334161	50.772	ug/l #	84
44) Trichloroethene	8.84	130	983919	48.039	ug/l	93
45) 1,2-Dichloropropane	9.12	63	967321	47.633	ug/l	100
46) Dibromomethane	9.21	93	574127	48.757	ug/l	92
47) Bromodichloromethane	9.40	83	1245143	48.118	ug/l	96
48) Methyl methacrylate	9.20	41	644354	52.071	ug/l	88
49) 1,4-Dioxane	9.20	88	164725	964.491	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	3516135	255.304	ug/l	94
52) Toluene	10.16	92	2271547	49.900	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	1169546	47.246	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1369179	46.843	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	815464	48.053	ug/l	97
56) Ethyl methacrylate	10.43	69	1010199	51.599	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	1368921	48.694	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1434137	207.486	ug/l	94
59) 2-Hexanone	10.75	43	2240982	252.390	ug/l	92
60) Dibromochloromethane	10.90	129	926219	48.901	ug/l	99
61) 1,2-Dibromoethane	11.01	107	785419	49.792	ug/l	100
64) Tetrachloroethene	10.63	164	1054368	51.367	ug/l	98
65) Chlorobenzene	11.44	112	2456355	47.602	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	915898	47.165	ug/l	99
67) Ethyl Benzene	11.51	91	4264734	49.826	ug/l	97
68) m/p-Xylenes	11.62	106	3279176	102.086	ug/l	97
69) o-Xylene	11.95	106	1573990	50.875	ug/l	96
70) Styrene	11.97	104	2584701	52.954	ug/l	97
71) Bromoform	12.13	173	622769	49.544	ug/l #	99
73) Isopropylbenzene	12.25	105	4200239	47.204	ug/l	99
74) N-amyl acetate	12.07	43	1066755	48.947	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	917815	50.147	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	829960m	47.999	ug/l	
77) Bromobenzene	12.53	156	1052695	44.790	ug/l	89
78) n-propylbenzene	12.59	91	4718516	48.297	ug/l	99
79) 2-Chlorotoluene	12.68	91	2854379	46.110	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	3426238	48.990	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	234897	42.935	ug/l	92
82) 4-Chlorotoluene	12.78	91	2854046	47.789	ug/l	97
83) tert-Butylbenzene	12.99	119	2861334	46.180	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	3461195	49.818	ug/l	99
85) sec-Butylbenzene	13.17	105	3838798	46.549	ug/l	99
86) p-Isopropyltoluene	13.29	119	3313052	48.085	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	1803074	46.634	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1747712	45.606	ug/l	99
89) n-Butylbenzene	13.62	91	2526206	46.941	ug/l	98
90) Hexachloroethane	13.88	117	634390	48.605	ug/l	88
91) 1,2-Dichlorobenzene	13.66	146	1756621	46.322	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	139282	44.962	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	690524	40.705	ug/l	99
94) Hexachlorobutadiene	15.01	225	523409	47.026	ug/l	99
95) Naphthalene	15.14	128	1335242	44.242	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	703993	42.027	ug/l	98

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

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