

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049435.D
 Acq On : 20 Jun 2018 13:48
 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

apatel
 6/21/2018 12:00:25 PM

Quant Time: Jun 21 01:40:43 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	1605304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2331143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2161959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1119456	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	985263	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
35) Dibromofluoromethane	7.59	113	892382	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
50) Toluene-d8	10.09	98	3387029	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
62) 4-Bromofluorobenzene	12.40	95	1177701	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	863552	46.74	ug/l	100
3) Chloromethane	2.06	50	1045840	43.83	ug/l	97
4) Vinyl Chloride	2.18	62	1151794	45.42	ug/l	100
5) Bromomethane	2.56	94	569685	42.74	ug/l	97
6) Chloroethane	2.70	64	719100	47.56	ug/l	100
7) Trichlorofluoromethane	3.01	101	1513645	47.85	ug/l	97
8) Diethyl Ether	3.41	74	521173	47.19	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.75	101	946017	47.15	ug/l	94
10) Methyl Iodide	3.95	142	1135373	54.36	ug/l	91
11) Tert butyl alcohol	4.79	59	287598	230.14	ug/l	97
12) 1,1-Dichloroethene	3.73	96	853302	46.36	ug/l	92
13) Acrolein	3.61	56	437445	333.80	ug/l	98
14) Allyl chloride	4.32	41	1398851	48.13	ug/l	89
15) Acrylonitrile	4.99	53	1512943	242.12	ug/l	98
16) Acetone	3.82	43	1283239	248.22	ug/l	91
17) Carbon Disulfide	4.05	76	2553454	44.26	ug/l	100
18) Methyl Acetate	4.33	43	761189	48.29	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	2325370	49.55	ug/l	100
20) Methylene Chloride	4.55	84	987273	45.73	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	914134	46.91	ug/l	92
22) Diisopropyl ether	5.95	45	2902859	50.02	ug/l	96
23) Vinyl Acetate	5.90	43	9679414	255.83	ug/l	96
24) 1,1-Dichloroethane	5.85	63	1731756	46.62	ug/l	99
25) 2-Butanone	6.84	43	1753552	252.61	ug/l	97
26) 2,2-Dichloropropane	6.82	77	1467137	48.91	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	1043616	48.17	ug/l	92
28) Bromochloromethane	7.19	49	779916	47.36	ug/l	85
29) Tetrahydrofuran	7.21	42	1107055	247.75	ug/l	94
30) Chloroform	7.37	83	1754630	47.46	ug/l	100
31) Cyclohexane	7.65	56	1546404	49.10	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	1498924	47.52	ug/l	97
36) 1,1-Dichloropropene	7.79	75	1364834	51.08	ug/l	98
37) Ethyl Acetate	6.93	43	764341	52.62	ug/l	97
38) Carbon Tetrachloride	7.77	117	1357551	49.08	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1478258	51.54	ug/l	96
40) Benzene	8.04	78	4026338	49.16	ug/l	99
41) Methacrylonitrile	7.17	41	368674	46.95	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1233960	48.76	ug/l	97
43) Isopropyl Acetate	8.17	43	1472603	53.06	ug/l	98
44) Trichloroethene	8.84	130	1072485	49.58	ug/l	94
45) 1,2-Dichloropropane	9.12	63	1055791	49.23	ug/l	100
46) Dibromomethane	9.21	93	610242	49.07	ug/l	91
47) Bromodichloromethane	9.40	83	1344173	49.19	ug/l	97
48) Methyl methacrylate	9.20	41	673426	51.53	ug/l	87
49) 1,4-Dioxane	9.20	88	181150	1004.34	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	3786861	260.36	ug/l	94
52) Toluene	10.16	92	2492607	51.85	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	1365193	52.22	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1577479	51.10	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	876805	48.92	ug/l	98
56) Ethyl methacrylate	10.43	69	1117948	54.07	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	1484395	50.00	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1493758	204.83	ug/l	95
59) 2-Hexanone	10.75	43	2567522	273.81	ug/l	93
60) Dibromochloromethane	10.90	129	1007409	50.36	ug/l	98
61) 1,2-Dibromoethane	11.01	107	848276	50.92	ug/l	99
64) Tetrachloroethene	10.63	164	1132001	51.10	ug/l	98
65) Chlorobenzene	11.44	112	2716874	48.78	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	1009969	48.19	ug/l	99
67) Ethyl Benzene	11.51	91	4772091	51.66	ug/l	98
68) m/p-Xylenes	11.62	106	3675872	106.03	ug/l	97
69) o-Xylene	11.95	106	1756826	52.61	ug/l	95
70) Styrene	11.97	104	2901376	55.08	ug/l	97
71) Bromoform	12.13	173	674952	49.75	ug/l #	99
73) Isopropylbenzene	12.25	105	4707193	47.89	ug/l	98
74) N-amyl acetate	12.07	43	1198038	49.76	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	995725	49.21	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	847455m	44.37	ug/l	
77) Bromobenzene	12.53	156	1167576	44.97	ug/l	90
78) n-propylbenzene	12.59	91	5423824	50.26	ug/l	99
79) 2-Chlorotoluene	12.68	91	3198237	46.77	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	3875782	50.17	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	290475	48.06	ug/l	92
82) 4-Chlorotoluene	12.77	91	3228723	48.94	ug/l	98
83) tert-Butylbenzene	12.99	119	3225198	47.12	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	3930893	51.22	ug/l	99
85) sec-Butylbenzene	13.17	105	4398725	48.29	ug/l	98
86) p-Isopropyltoluene	13.29	119	3853670	50.63	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	2056211	48.14	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	2023342	47.80	ug/l	99
89) n-Butylbenzene	13.62	91	3117598	52.44	ug/l	97
90) Hexachloroethane	13.88	117	717587	49.81	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	1995709	47.64	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	154830	45.25	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	852625	44.94	ug/l	98
94) Hexachlorobutadiene	15.01	225	644599	52.76	ug/l	98
95) Naphthalene	15.14	128	1656437	48.84	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	856556	45.94	ug/l	99

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

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