

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049333.D
 Acq On : 18 Jun 2018 10:35
 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
 6/19/2018 1:55:40 PM

Quant Time: Jun 19 01:38:36 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	1534052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2270461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2077750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1067211	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1016828	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
35) Dibromofluoromethane	7.59	113	926971	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.09	98	3511383	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.40	95	1223345	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	836268	47.362	ug/l	100
3) Chloromethane	2.06	50	961539	42.172	ug/l	98
4) Vinyl Chloride	2.18	62	1073202	44.289	ug/l	100
5) Bromomethane	2.56	94	363056	28.501	ug/l	94
6) Chloroethane	2.70	64	695884	48.164	ug/l	100
7) Trichlorofluoromethane	3.01	101	1452411	48.046	ug/l	100
8) Diethyl Ether	3.41	74	547634	51.889	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	934067	48.718	ug/l	93
10) Methyl Iodide	3.95	142	597211	29.921	ug/l	92
11) Tert butyl alcohol	4.79	59	292057	244.563	ug/l #	85
12) 1,1-Dichloroethene	3.73	96	849596	48.302	ug/l	90
13) Acrolein	3.60	56	513497	410.032	ug/l	99
14) Allyl chloride	4.32	41	1439760	51.840	ug/l	89
15) Acrylonitrile	4.99	53	1547883	259.216	ug/l	99
16) Acetone	3.82	43	1629400	329.822	ug/l	93
17) Carbon Disulfide	4.05	76	2455335	44.536	ug/l	100
18) Methyl Acetate	4.32	43	749806	49.777	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	2454939	54.741	ug/l	99
20) Methylene Chloride	4.55	84	1011667	49.031	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	912623	49.008	ug/l	91
22) Diisopropyl ether	5.95	45	2972652	53.598	ug/l	95
23) Vinyl Acetate	5.90	43	10033085	277.497	ug/l	95
24) 1,1-Dichloroethane	5.85	63	1761494	49.623	ug/l	98
25) 2-Butanone	6.84	43	1955959	294.858	ug/l	96
26) 2,2-Dichloropropane	6.82	77	1471063	51.314	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	1067623	51.568	ug/l	93
28) Bromochloromethane	7.19	49	786701	49.988	ug/l	85
29) Tetrahydrofuran	7.21	42	1102019	258.080	ug/l	94
30) Chloroform	7.37	83	1770625	50.121	ug/l	100
31) Cyclohexane	7.65	56	1549360	51.491	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	1510804	50.122	ug/l	97
36) 1,1-Dichloropropene	7.79	75	1359517	52.245	ug/l	98
37) Ethyl Acetate	6.93	43	765952	54.144	ug/l #	96
38) Carbon Tetrachloride	7.77	117	1350867	50.144	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1493944	53.483	ug/l	94
40) Benzene	8.04	78	4036015	50.591	ug/l	99
41) Methacrylonitrile	7.17	41	434418	56.803	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1271240	51.577	ug/l	96
43) Isopropyl Acetate	8.17	43	1416904	52.422	ug/l	96
44) Trichloroethene	8.83	130	1086357	51.566	ug/l	93
45) 1,2-Dichloropropane	9.12	63	1083219	51.857	ug/l	98
46) Dibromomethane	9.21	93	632186	52.195	ug/l	91
47) Bromodichloromethane	9.40	83	1382354	51.936	ug/l	98
48) Methyl methacrylate	9.20	41	711537	55.902	ug/l	87
49) 1,4-Dioxane	9.20	88	186730	1062.947	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	3792544	267.721	ug/l	93
52) Toluene	10.16	92	2507600	53.555	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	1420000	55.769	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1651032	54.916	ug/l #	88
55) 1,1,2-Trichloroethane	10.56	97	899961	51.558	ug/l	97
56) Ethyl methacrylate	10.43	69	1136072	56.416	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	1537549	53.172	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1694503	236.211	ug/l	94
59) 2-Hexanone	10.75	43	2697525	295.364	ug/l	92
60) Dibromochloromethane	10.90	129	1042021	53.486	ug/l	100
61) 1,2-Dibromoethane	11.01	107	875264	53.946	ug/l	99
64) Tetrachloroethene	10.63	164	1115743	52.405	ug/l	98
65) Chlorobenzene	11.43	112	2771354	51.777	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	1031224	51.197	ug/l	99
67) Ethyl Benzene	11.51	91	4800132	54.067	ug/l	98
68) m/p-Xylenes	11.62	106	3692419	110.822	ug/l	96
69) o-Xylene	11.95	106	1804542	56.232	ug/l	94
70) Styrene	11.96	104	2920909	57.693	ug/l	97
71) Bromoform	12.13	173	700428	53.721	ug/l #	100
73) Isopropylbenzene	12.25	105	4776941	50.979	ug/l	97
74) N-amyl acetate	12.07	43	1204027	52.460	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	1029581	53.571	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	912318m	50.102	ug/l	
77) Bromobenzene	12.53	156	1195593	48.305	ug/l	91
78) n-propylbenzene	12.59	91	5449296	52.965	ug/l	98
79) 2-Chlorotoluene	12.68	91	3256209	49.949	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	3899018	52.939	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	289405	50.231	ug/l	90
82) 4-Chlorotoluene	12.77	91	3280428	52.159	ug/l	97
83) tert-Butylbenzene	12.99	119	3353434	51.394	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	3959200	54.113	ug/l	98
85) sec-Butylbenzene	13.17	105	4462683	51.386	ug/l	98
86) p-Isopropyltoluene	13.29	119	3903626	53.800	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	2100191	51.580	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	2043355	50.632	ug/l	99
89) n-Butylbenzene	13.62	91	3143825	55.473	ug/l	97
90) Hexachloroethane	13.88	117	741430	54.135	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	2042760	51.152	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	152640	46.790	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	881996	48.361	ug/l	98
94) Hexachlorobutadiene	15.01	225	647484	55.743	ug/l	99
95) Naphthalene	15.14	128	1702827	52.075	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	886015	49.552	ug/l	99

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

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