

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062118\
 Data File : VN049461.D
 Acq On : 21 Jun 2018 11:26
 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
 6/22/2018 1:57:48 PM

Quant Time: Jun 22 03:50:52 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	1456308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2071475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1918583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1001663	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	879497	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	
35) Dibromofluoromethane	7.59	113	802102	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	10.09	98	2991294	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	
62) 4-Bromofluorobenzene	12.40	95	1032089	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	808145	48.21	ug/l	100
3) Chloromethane	2.06	50	953299	44.04	ug/l	97
4) Vinyl Chloride	2.18	62	1081953	47.03	ug/l	99
5) Bromomethane	2.56	94	513144	42.43	ug/l	96
6) Chloroethane	2.70	64	674846	49.20	ug/l	99
7) Trichlorofluoromethane	3.01	101	1424564	49.64	ug/l	99
8) Diethyl Ether	3.41	74	480964	48.00	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	894945	49.17	ug/l	94
10) Methyl Iodide	3.95	142	1032581	54.50	ug/l	93
11) Tert butyl alcohol	4.79	59	249772	220.32	ug/l	98
12) 1,1-Dichloroethene	3.73	96	797874	47.78	ug/l	92
13) Acrolein	3.60	56	292549	246.07	ug/l	99
14) Allyl chloride	4.32	41	1273885	48.32	ug/l	90
15) Acrylonitrile	4.99	53	1370705	241.80	ug/l	98
16) Acetone	3.81	43	1227007	261.63	ug/l	93
17) Carbon Disulfide	4.05	76	2375500	45.39	ug/l	100
18) Methyl Acetate	4.32	43	694531	48.57	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	2115483	49.69	ug/l	100
20) Methylene Chloride	4.54	84	922688	47.11	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	856997	48.48	ug/l	92
22) Diisopropyl ether	5.95	45	2704472	51.37	ug/l	95
23) Vinyl Acetate	5.90	43	8656015	252.19	ug/l	96
24) 1,1-Dichloroethane	5.84	63	1624564	48.21	ug/l	99
25) 2-Butanone	6.84	43	1580691	251.01	ug/l	97
26) 2,2-Dichloropropane	6.82	77	1383380	50.83	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	958216	48.75	ug/l	93
28) Bromochloromethane	7.19	49	673425	45.07	ug/l	84
29) Tetrahydrofuran	7.21	42	985602	243.14	ug/l	94
30) Chloroform	7.37	83	1647753	49.13	ug/l	100
31) Cyclohexane	7.65	56	1424884	49.88	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	1417753	49.55	ug/l	97
36) 1,1-Dichloropropene	7.79	75	1267136	53.37	ug/l	97
37) Ethyl Acetate	6.93	43	684887	53.06	ug/l	99
38) Carbon Tetrachloride	7.77	117	1266871	51.54	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1351950	53.05	ug/l	96
40) Benzene	8.04	78	3748858	51.51	ug/l	98
41) Methacrylonitrile	7.17	41	348140	49.89	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1147952	51.05	ug/l	96
43) Isopropyl Acetate	8.17	43	1287328	52.20	ug/l	97
44) Trichloroethene	8.83	130	1013257	52.72	ug/l	93
45) 1,2-Dichloropropane	9.12	63	991574	52.03	ug/l	99
46) Dibromomethane	9.21	93	573814	51.93	ug/l	91
47) Bromodichloromethane	9.40	83	1278159	52.63	ug/l	98
48) Methyl methacrylate	9.20	41	629677	54.22	ug/l	88
49) 1,4-Dioxane	9.20	88	160300	1000.15	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	3434831	265.76	ug/l	95
52) Toluene	10.16	92	2305602	53.97	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	1242592	53.49	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1470542	53.61	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	816323	51.26	ug/l	98
56) Ethyl methacrylate	10.43	69	998703	54.36	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	1379541	52.29	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1323696	204.31	ug/l	95
59) 2-Hexanone	10.75	43	2273073	272.80	ug/l	92
60) Dibromochloromethane	10.90	129	936884	52.71	ug/l	100
61) 1,2-Dibromoethane	11.01	107	786399	53.12	ug/l	100
64) Tetrachloroethene	10.63	164	1161402	59.08	ug/l	98
65) Chlorobenzene	11.43	112	2506487	50.71	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	936848	50.37	ug/l	100
67) Ethyl Benzene	11.51	91	4405306	53.74	ug/l	97
68) m/p-Xylenes	11.62	106	3416517	111.05	ug/l	96
69) o-Xylene	11.95	106	1620035	54.67	ug/l	95
70) Styrene	11.96	104	2664267	56.99	ug/l	97
71) Bromoform	12.13	173	627407	52.11	ug/l #	100
73) Isopropylbenzene	12.25	105	4357561	49.55	ug/l	98
74) N-amyl acetate	12.07	43	1025937	47.63	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	879563	48.55	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	826411m	48.35	ug/l	
77) Bromobenzene	12.53	156	1077577	46.39	ug/l	91
78) n-propylbenzene	12.59	91	5046095	52.26	ug/l	99
79) 2-Chlorotoluene	12.68	91	2979607	48.70	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	3602565	52.11	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	259596	48.01	ug/l	93
82) 4-Chlorotoluene	12.78	91	2987370	50.61	ug/l	96
83) tert-Butylbenzene	12.99	119	2993736	48.88	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	3644371	53.07	ug/l	99
85) sec-Butylbenzene	13.17	105	4115474	50.49	ug/l	99
86) p-Isopropyltoluene	13.29	119	3567496	52.38	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	1919769	50.23	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	1846772	48.76	ug/l	99
89) n-Butylbenzene	13.62	91	2858297	53.73	ug/l	98
90) Hexachloroethane	13.88	117	671352	52.16	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	1843734	49.19	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	132784	43.37	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	755601	44.56	ug/l	98
94) Hexachlorobutadiene	15.01	225	609854	55.95	ug/l	98
95) Naphthalene	15.14	128	1366147	45.57	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	764880	45.85	ug/l	99

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

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