

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120418\
 Data File : VN052645.D
 Acq On : 4 Dec 2018 10:47
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda

12/5/2018 9:12:58 AM

Quant Time: Dec 05 03:26:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1037105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1562935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1397704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	665792	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	549100	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	7.59	113	495629	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	10.09	98	1906923	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.40	95	671765	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	427840	44.058	ug/l	98
3) Chloromethane	2.06	50	544855	42.506	ug/l	100
4) Vinyl Chloride	2.19	62	571737	43.420	ug/l	100
5) Bromomethane	2.57	94	345659	42.072	ug/l	97
6) Chloroethane	2.71	64	348832	43.735	ug/l	99
7) Trichlorofluoromethane	3.02	101	752265	46.509	ug/l	99
8) Diethyl Ether	3.41	74	287684	48.164	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	484907	48.046	ug/l	98
10) Methyl Iodide	3.95	142	691545	51.446	ug/l	100
11) Tert butyl alcohol	4.78	59	140031	247.703	ug/l	100
12) 1,1-Dichloroethene	3.74	96	448918	46.209	ug/l	99
13) Acrolein	3.61	56	157390	160.189	ug/l	99
14) Allyl chloride	4.33	41	787920	47.058	ug/l	99
15) Acrylonitrile	4.99	53	876109	244.823	ug/l	99
16) Acetone	3.82	43	764305	256.614	ug/l	100
17) Carbon Disulfide	4.06	76	1287448	42.111	ug/l	99
18) Methyl Acetate	4.32	43	429728	50.299	ug/l	97
19) Methyl tert-butyl Ether	5.04	73	1262804	48.855	ug/l	99
20) Methylene Chloride	4.55	84	519996	44.614	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	481684	46.424	ug/l	97
22) Diisopropyl ether	5.95	45	1660314	47.207	ug/l	99
23) Vinyl Acetate	5.90	43	5305284	242.182	ug/l	98
24) 1,1-Dichloroethane	5.85	63	941069	46.863	ug/l	99
25) 2-Butanone	6.83	43	1066929	252.730	ug/l	97
26) 2,2-Dichloropropane	6.83	77	711211	51.168	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	566517	46.872	ug/l	99
28) Bromochloromethane	7.19	49	426934	46.547	ug/l	95
29) Tetrahydrofuran	7.21	42	655666	240.795	ug/l	98
30) Chloroform	7.37	83	927806	46.309	ug/l	99
31) Cyclohexane	7.65	56	868799	44.660	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	772198	48.646	ug/l	99
36) 1,1-Dichloropropene	7.79	75	707070	47.907	ug/l	98
37) Ethyl Acetate	6.93	43	444809	49.382	ug/l	99
38) Carbon Tetrachloride	7.77	117	677608	50.715	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	882352	49.186	ug/l	98
40) Benzene	8.04	78	2141165	48.679	ug/l	99
41) Methacrylonitrile	7.17	41	220798	44.837	ug/l	88
42) 1,2-Dichloroethane	8.12	62	653293	49.053	ug/l	99
43) Isopropyl Acetate	8.16	43	804058	52.748	ug/l	99
44) Trichloroethene	8.84	130	561208	49.811	ug/l	97
45) 1,2-Dichloropropane	9.12	63	574485	49.126	ug/l	99
46) Dibromomethane	9.21	93	328745	50.782	ug/l	99
47) Bromodichloromethane	9.40	83	710253	50.463	ug/l	100
48) Methyl methacrylate	9.20	41	400483	50.386	ug/l	98
49) 1,4-Dioxane	9.20	88	79833	967.793	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2237648	261.634	ug/l	99
52) Toluene	10.16	92	1323113	50.629	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	722211	53.338	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	841824	51.880	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	474502	51.618	ug/l	98
56) Ethyl methacrylate	10.43	69	623343	48.895	ug/l	98
57) 1,3-Dichloropropane	10.71	76	816636	50.312	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1739268	260.745	ug/l	99
59) 2-Hexanone	10.75	43	1603522	279.355	ug/l	99
60) Dibromochloromethane	10.90	129	534791	53.564	ug/l	99
61) 1,2-Dibromoethane	11.01	107	467719	51.228	ug/l	100
64) Tetrachloroethene	10.63	164	546866	50.464	ug/l	98
65) Chlorobenzene	11.44	112	1457405	50.568	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	516104	51.502	ug/l	99
67) Ethyl Benzene	11.51	91	2570185	50.925	ug/l	99
68) m/p-Xylenes	11.62	106	1946821	103.617	ug/l	99
69) o-Xylene	11.95	106	940561	51.551	ug/l	100
70) Styrene	11.96	104	1553146	53.445	ug/l	100
71) Bromoform	12.13	173	366375	55.217	ug/l #	100
73) Isopropylbenzene	12.25	105	2549170	48.802	ug/l	99
74) N-amyl acetate	12.07	43	685585	51.951	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	578026	48.645	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	485157m	47.255	ug/l	
77) Bromobenzene	12.53	156	631813	48.935	ug/l	98
78) n-propylbenzene	12.59	91	2960343	49.886	ug/l	99
79) 2-Chlorotoluene	12.68	91	1709162	48.366	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2090337	50.176	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	167695	54.546	ug/l	96
82) 4-Chlorotoluene	12.77	91	1749385	49.119	ug/l	99
83) tert-Butylbenzene	12.99	119	1844685	49.669	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2127082	50.948	ug/l	100
85) sec-Butylbenzene	13.17	105	2537008	50.153	ug/l	100
86) p-Isopropyltoluene	13.29	119	2194145	50.925	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1141921	50.562	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1111701	49.974	ug/l	99
89) n-Butylbenzene	13.62	91	1892265	52.809	ug/l	100
90) Hexachloroethane	13.88	117	369381	50.633	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	1086005	50.331	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	91288	53.716	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	580640	49.173	ug/l	99
94) Hexachlorobutadiene	15.01	225	350700	50.523	ug/l	99
95) Naphthalene	15.13	128	1198952	47.979	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	530815	48.906	ug/l	99

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

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