

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122718\
 Data File : VN053209.D
 Acq On : 27 Dec 2018 15:10
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/28/2018 10:14:10 AM

Quant Time: Dec 28 01:29:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	941733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1412116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1289529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	596959	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	496339	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
35) Dibromofluoromethane	7.59	113	433617	67.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.44%	
50) Toluene-d8	10.09	98	1851466	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.40	95	665592	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	428054	44.911	ug/l	99
3) Chloromethane	2.06	50	537163	46.509	ug/l	99
4) Vinyl Chloride	2.19	62	539239	46.100	ug/l	99
5) Bromomethane	2.57	94	374063	46.157	ug/l	98
6) Chloroethane	2.71	64	324623	46.859	ug/l	99
7) Trichlorofluoromethane	3.02	101	708885	48.648	ug/l	100
8) Diethyl Ether	3.41	74	267284	48.622	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	468931	50.473	ug/l	98
10) Methyl Iodide	3.95	142	634458	48.628	ug/l	100
11) Tert butyl alcohol	4.77	59	127692	218.981	ug/l	99
12) 1,1-Dichloroethene	3.74	96	432647	48.201	ug/l	98
13) Acrolein	3.61	56	147673	279.294	ug/l	99
14) Allyl chloride	4.33	41	739056	53.156	ug/l	94
15) Acrylonitrile	4.98	53	752708	232.352	ug/l	99
16) Acetone	3.81	43	418595	223.395	ug/l	96
17) Carbon Disulfide	4.06	76	1175283	40.149	ug/l	100
18) Methyl Acetate	4.32	43	426560	50.153	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	1177051	49.002	ug/l	99
20) Methylene Chloride	4.55	84	510943	49.988	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	458593	47.553	ug/l	100
22) Diisopropyl ether	5.95	45	1564926	52.732	ug/l	98
23) Vinyl Acetate	5.89	43	4364043	255.727	ug/l	99
24) 1,1-Dichloroethane	5.85	63	895793	50.796	ug/l	99
25) 2-Butanone	6.83	43	751904	239.104	ug/l	98
26) 2,2-Dichloropropane	6.82	77	690551	51.297	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	547970	50.190	ug/l	98
28) Bromochloromethane	7.19	49	364418	47.689	ug/l	97
29) Tetrahydrofuran	7.21	42	534808	227.708	ug/l	99
30) Chloroform	7.37	83	880938	50.852	ug/l	99
31) Cyclohexane	7.65	56	810090	48.957	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	730727	49.515	ug/l	100
36) 1,1-Dichloropropene	7.79	75	679715	50.149	ug/l	100
37) Ethyl Acetate	6.92	43	362983	47.973	ug/l	100
38) Carbon Tetrachloride	7.77	117	631650	50.844	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	793884	48.216	ug/l	99
40) Benzene	8.04	78	2061679	51.138	ug/l	99
41) Methacrylonitrile	7.17	41	225324	51.540	ug/l	94
42) 1,2-Dichloroethane	8.12	62	594030	49.877	ug/l	98
43) Isopropyl Acetate	8.16	43	679607	46.337	ug/l	97
44) Trichloroethene	8.83	130	569144	48.808	ug/l	96
45) 1,2-Dichloropropane	9.12	63	553745	52.732	ug/l	98
46) Dibromomethane	9.21	93	303143	49.555	ug/l	98
47) Bromodichloromethane	9.40	83	673538	51.797	ug/l	100
48) Methyl methacrylate	9.20	41	349106	47.548	ug/l	98
49) 1,4-Dioxane	9.20	88	84453	909.307	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1764922	240.863	ug/l	99
52) Toluene	10.16	92	1281918	51.300	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	697456	51.007	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	821188	52.321	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	440627	50.543	ug/l	100
56) Ethyl methacrylate	10.43	69	571279	49.509	ug/l	97
57) 1,3-Dichloropropane	10.71	76	759343	50.794	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1481524	233.871	ug/l	99
59) 2-Hexanone	10.75	43	1221586	246.404	ug/l	100
60) Dibromochloromethane	10.90	129	512824	51.390	ug/l	100
61) 1,2-Dibromoethane	11.00	107	444636	50.219	ug/l	100
64) Tetrachloroethene	10.63	164	614427	43.987	ug/l	99
65) Chlorobenzene	11.43	112	1459452	51.056	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	510185	51.324	ug/l	99
67) Ethyl Benzene	11.51	91	2524111	51.346	ug/l	100
68) m/p-Xylenes	11.62	106	1910909	102.252	ug/l	99
69) o-Xylene	11.95	106	932499	52.000	ug/l	100
70) Styrene	11.96	104	1533430	52.440	ug/l	100
71) Bromoform	12.13	173	344516	47.975	ug/l #	99
73) Isopropylbenzene	12.25	105	2470897	52.902	ug/l	99
74) N-amyl acetate	12.07	43	636287	49.068	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	487695	53.223	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	378132m	37.628	ug/l	
77) Bromobenzene	12.53	156	635165	52.315	ug/l	98
78) n-propylbenzene	12.59	91	2834123	53.278	ug/l	99
79) 2-Chlorotoluene	12.67	91	1661253	50.383	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1980329	52.018	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	155093	49.744	ug/l	95
82) 4-Chlorotoluene	12.77	91	1693404	52.464	ug/l	100
83) tert-Butylbenzene	12.99	119	1747592	51.904	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1988637	51.962	ug/l	100
85) sec-Butylbenzene	13.17	105	2341705	51.419	ug/l	100
86) p-Isopropyltoluene	13.29	119	2038549	51.804	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1090147	50.732	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1072759	49.297	ug/l	100
89) n-Butylbenzene	13.62	91	1698107	50.159	ug/l	100
90) Hexachloroethane	13.87	117	317996	52.659	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	983993	48.655	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	64642	40.800	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	481993	45.044	ug/l	100
94) Hexachlorobutadiene	15.01	225	299915	54.308	ug/l	99
95) Naphthalene	15.13	128	943234	40.412	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	415955	43.180	ug/l	100

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

