

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055336.D
 Acq On : 2 May 2019 8:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 1:09:07 PM

Quant Time: May 03 02:15:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	393074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	599362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	523731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	215669	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	243176	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
35) Dibromofluoromethane	7.59	113	196294	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	10.09	98	724134	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.40	95	246812	55.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	237901	49.398	ug/l	100
3) Chloromethane	2.06	50	264272	44.315	ug/l	97
4) Vinyl Chloride	2.19	62	219285	45.618	ug/l	99
5) Bromomethane	2.56	94	115149	45.223	ug/l	94
6) Chloroethane	2.70	64	117742	45.214	ug/l	100
7) Trichlorofluoromethane	3.02	101	320447	46.881	ug/l	99
8) Diethyl Ether	3.41	74	108864	45.522	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	196127	48.184	ug/l	99
10) Methyl Iodide	3.95	142	265707	46.385	ug/l	99
11) Tert butyl alcohol	4.79	59	66181	224.791	ug/l	100
12) 1,1-Dichloroethene	3.74	96	175388	45.169	ug/l	96
13) Acrolein	3.61	56	50378	219.107	ug/l	97
14) Allyl chloride	4.33	41	370613	46.085	ug/l	99
15) Acrylonitrile	4.99	53	394876	238.617	ug/l	99
16) Acetone	3.82	43	452172	282.206	ug/l	99
17) Carbon Disulfide	4.06	76	459223	45.318	ug/l	99
18) Methyl Acetate	4.33	43	194330	49.783	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	508465	46.580	ug/l	98
20) Methylene Chloride	4.55	84	211053	43.154	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	188988	45.957	ug/l	97
22) Diisopropyl ether	5.95	45	769828	48.179	ug/l	98
23) Vinyl Acetate	5.89	43	2542343	242.769	ug/l	99
24) 1,1-Dichloroethane	5.85	63	398448	46.802	ug/l	100
25) 2-Butanone	6.83	43	529885	258.594	ug/l	98
26) 2,2-Dichloropropane	6.82	77	278710	47.408	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	218089	46.636	ug/l	97
28) Bromochloromethane	7.19	49	198931	46.356	ug/l	98
29) Tetrahydrofuran	7.21	42	308305	234.971	ug/l	100
30) Chloroform	7.37	83	382599	47.408	ug/l	99
31) Cyclohexane	7.65	56	361541	44.697	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	306333	46.769	ug/l	99
36) 1,1-Dichloropropene	7.79	75	277637	48.361	ug/l	100
37) Ethyl Acetate	6.93	43	200878	45.654	ug/l	99
38) Carbon Tetrachloride	7.77	117	264106	47.690	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	297933	48.810	ug/l	96
40) Benzene	8.04	78	833862	49.271	ug/l	99
41) Methacrylonitrile	7.18	41	137273	57.533	ug/l	91
42) 1,2-Dichloroethane	8.12	62	290060	48.391	ug/l	99
43) Isopropyl Acetate	8.16	43	357539	50.564	ug/l #	87
44) Trichloroethene	8.83	130	209516	48.562	ug/l	100
45) 1,2-Dichloropropane	9.12	63	239460	49.058	ug/l	99
46) Dibromomethane	9.21	93	131484	49.281	ug/l	97
47) Bromodichloromethane	9.40	83	291002	50.841	ug/l	97
48) Methyl methacrylate	9.20	41	165974	47.747	ug/l	96
49) 1,4-Dioxane	9.20	88	38009	1057.750	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1007668	253.114	ug/l	98
52) Toluene	10.16	92	488455	50.302	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	269859	54.310	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	325571	52.552	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	179977	49.912	ug/l	99
56) Ethyl methacrylate	10.43	69	228197	51.415	ug/l	98
57) 1,3-Dichloropropane	10.71	76	313707	49.592	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	335991	244.229	ug/l	100
59) 2-Hexanone	10.75	43	679040	272.608	ug/l	98
60) Dibromochloromethane	10.90	129	195695	53.100	ug/l	99
61) 1,2-Dibromoethane	11.00	107	168688	50.613	ug/l	99
64) Tetrachloroethene	10.63	164	203827	47.590	ug/l	99
65) Chlorobenzene	11.43	112	499200	48.752	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	193362	48.226	ug/l	99
67) Ethyl Benzene	11.51	91	937747	50.715	ug/l	99
68) m/p-Xylenes	11.62	106	684954	103.779	ug/l	98
69) o-Xylene	11.95	106	334901	51.194	ug/l	99
70) Styrene	11.96	104	550997	54.856	ug/l	99
71) Bromoform	12.12	173	118139	53.100	ug/l #	98
73) Isopropylbenzene	12.25	105	900858	52.664	ug/l	100
74) N-amyl acetate	12.07	43	269306	48.656	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	213675	50.005	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	171755m	42.466	ug/l	
77) Bromobenzene	12.53	156	212824	51.810	ug/l	99
78) n-propylbenzene	12.59	91	1024706	46.254	ug/l	100
79) 2-Chlorotoluene	12.67	91	617935	53.029	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	752001	44.477	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	52532	46.159	ug/l	94
82) 4-Chlorotoluene	12.77	91	600314	46.605	ug/l	99
83) tert-Butylbenzene	12.99	119	639197	53.621	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	725325	47.967	ug/l	100
85) sec-Butylbenzene	13.17	105	832465	45.299	ug/l	99
86) p-Isopropyltoluene	13.29	119	734559	48.632	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	351474	48.702	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	341497	50.248	ug/l	99
89) n-Butylbenzene	13.61	91	579905	54.030	ug/l	100
90) Hexachloroethane	13.87	117	123737	51.795	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	339405	47.451	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28955	51.032	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	124922	44.678	ug/l	98
94) Hexachlorobutadiene	15.01	225	126965	59.522	ug/l	98
95) Naphthalene	15.13	128	237808	40.357	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	125120	45.314	ug/l	99

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

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