

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022619\
 Data File : VN053946.D
 Acq On : 26 Feb 2019 11:03
 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
 2/28/2019 10:49:40 AM

Quant Time: Feb 27 02:35:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	694487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1084768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	963225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	454304	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	397804	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
35) Dibromofluoromethane	7.59	113	358176	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	10.09	98	1337322	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.40	95	449052	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	327493	51.239	ug/l 99
3) Chloromethane	2.06	50	439017	49.519	ug/l 100
4) Vinyl Chloride	2.19	62	437127	49.210	ug/l 99
5) Bromomethane	2.56	94	272662	46.348	ug/l 100
6) Chloroethane	2.70	64	266123	48.172	ug/l 99
7) Trichlorofluoromethane	3.02	101	557437	49.122	ug/l 98
8) Diethyl Ether	3.41	74	209391	49.250	ug/l 89
9) 1,1,2-Trichlorotrifluoroet	3.76	101	360561	50.307	ug/l 94
10) Methyl Iodide	3.95	142	499828	53.074	ug/l 98
11) Tert butyl alcohol	4.77	59	120398	233.290	ug/l 99
12) 1,1-Dichloroethene	3.74	96	333592	48.660	ug/l 93
13) Acrolein	3.60	56	140456	262.866	ug/l 98
14) Allyl chloride	4.32	41	613882	51.054	ug/l 95
15) Acrylonitrile	4.98	53	680574	250.208	ug/l 99
16) Acetone	3.81	43	646565	302.588	ug/l 98
17) Carbon Disulfide	4.05	76	1064367	48.125	ug/l 99
18) Methyl Acetate	4.32	43	287020	50.421	ug/l 93
19) Methyl tert-butyl Ether	5.04	73	924407	50.264	ug/l 100
20) Methylene Chloride	4.55	84	383975	47.655	ug/l 92
21) trans-1,2-Dichloroethene	5.04	96	363983	49.054	ug/l 92
22) Diisopropyl ether	5.95	45	1203561	51.884	ug/l 97
23) Vinyl Acetate	5.89	43	4363620	261.488	ug/l 95
24) 1,1-Dichloroethane	5.85	63	699413	49.166	ug/l 98
25) 2-Butanone	6.83	43	844666	264.244	ug/l 95
26) 2,2-Dichloropropane	6.82	77	532641	52.702	ug/l 98
27) cis-1,2-Dichloroethene	6.83	96	408890	49.550	ug/l 93
28) Bromochloromethane	7.19	49	323510	49.684	ug/l 83
29) Tetrahydrofuran	7.21	42	530724	249.321	ug/l 92
30) Chloroform	7.37	83	676784	49.064	ug/l 100
31) Cyclohexane	7.65	56	675318	51.890	ug/l 95
32) 1,1,1-Trichloroethane	7.57	97	564593	49.641	ug/l 97
36) 1,1-Dichloropropene	7.79	75	532957	52.831	ug/l 97
37) Ethyl Acetate	6.93	43	353270	49.044	ug/l 98
38) Carbon Tetrachloride	7.77	117	502170	47.863	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	651563	53.587	ug/l	94
40) Benzene	8.04	78	1576932	50.884	ug/l	99
41) Methacrylonitrile	7.17	41	200209	43.165	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	486443	50.700	ug/l	97
43) Isopropyl Acetate	8.16	43	597216	49.105	ug/l #	90
44) Trichloroethene	8.83	130	413074	50.277	ug/l	96
45) 1,2-Dichloropropane	9.12	63	422907	50.580	ug/l	99
46) Dibromomethane	9.21	93	242803	50.020	ug/l	92
47) Bromodichloromethane	9.40	83	524757	51.298	ug/l	99
48) Methyl methacrylate	9.20	41	294421	52.630	ug/l	96
49) 1,4-Dioxane	9.20	88	74296	980.559	ug/l #	92
51) 4-Methyl-2-Pentanone	9.98	43	1678947	268.646	ug/l	95
52) Toluene	10.16	92	956882	52.437	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	532990	53.549	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	622352	53.039	ug/l	94
55) 1,1,2-Trichloroethane	10.56	97	344893	50.608	ug/l	99
56) Ethyl methacrylate	10.43	69	431724	48.379	ug/l	90
57) 1,3-Dichloropropane	10.71	76	591837	51.398	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	1018794	245.163	ug/l	95
59) 2-Hexanone	10.75	43	1110701	273.258	ug/l	95
60) Dibromochloromethane	10.90	129	386046	50.970	ug/l	99
61) 1,2-Dibromoethane	11.00	107	329330	50.095	ug/l	99
64) Tetrachloroethene	10.63	164	406821	49.878	ug/l	97
65) Chlorobenzene	11.43	112	1017715	50.063	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	370781	50.608	ug/l	100
67) Ethyl Benzene	11.51	91	1784143	52.353	ug/l	99
68) m/p-Xylenes	11.62	106	1373414	106.778	ug/l	97
69) o-Xylene	11.95	106	650980	51.509	ug/l	97
70) Styrene	11.96	104	1061703	54.617	ug/l	99
71) Bromoform	12.13	173	258146	50.647	ug/l #	99
73) Isopropylbenzene	12.25	105	1727415	48.846	ug/l	99
74) N-amyl acetate	12.07	43	473559	51.091	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	411502	46.532	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	302054m	41.446	ug/l	
77) Bromobenzene	12.53	156	429349	47.818	ug/l	91
78) n-propylbenzene	12.59	91	2076291	51.625	ug/l	97
79) 2-Chlorotoluene	12.67	91	1192884	49.374	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1484034	51.259	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	112697	48.875	ug/l	92
82) 4-Chlorotoluene	12.77	91	1213586	50.824	ug/l	97
83) tert-Butylbenzene	12.99	119	1249434	48.794	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1507647	52.161	ug/l	98
85) sec-Butylbenzene	13.17	105	1772946	50.694	ug/l	98
86) p-Isopropyltoluene	13.29	119	1551521	52.477	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	782570	50.383	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	768998	51.031	ug/l	99
89) n-Butylbenzene	13.61	91	1372470	55.082	ug/l	99
90) Hexachloroethane	13.87	117	269853	47.101	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	748737	49.798	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	57502	46.011	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	410152	49.157	ug/l	97
94) Hexachlorobutadiene	15.01	225	279676	51.494	ug/l	99
95) Naphthalene	15.13	128	798715	44.762	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	385039	48.132	ug/l	99

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

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