

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082619\
 Data File : VN057513.D
 Acq On : 26 Aug 2019 16:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/27/2019 5:30:38 PM

Quant Time: Aug 26 17:55:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	348559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	630113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	584743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	227084	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	324749	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
35) Dibromofluoromethane	7.57	113	213771	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	10.08	98	875180	54.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.76%	
62) 4-Bromofluorobenzene	12.40	95	298726	54.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	213438	51.891	ug/l	99
3) Chloromethane	2.05	50	267552	45.543	ug/l	99
4) Vinyl Chloride	2.17	62	338884	47.393	ug/l	98
5) Bromomethane	2.54	94	215973	49.011	ug/l	93
6) Chloroethane	2.69	64	220746	47.994	ug/l	95
7) Trichlorofluoromethane	3.00	101	526010	47.392	ug/l	95
8) Diethyl Ether	3.39	74	190589	51.087	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	288460	51.949	ug/l	99
10) Methyl Iodide	3.91	142	243822	53.798	ug/l	96
11) Tert butyl alcohol	4.79	59	170863	224.279	ug/l #	84
12) 1,1-Dichloroethene	3.71	96	275619	46.456	ug/l	98
13) Acrolein	3.58	56	192109	286.776	ug/l	98
14) Allyl chloride	4.29	41	369358	47.004	ug/l	97
15) Acrylonitrile	4.96	53	484557	235.851	ug/l	98
16) Acetone	3.80	43	884258	314.027	ug/l	95
17) Carbon Disulfide	4.02	76	448846	39.660	ug/l	100
18) Methyl Acetate	4.30	43	293755	48.308	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	631295	44.079	ug/l	97
20) Methylene Chloride	4.52	84	200867	48.110	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	179187	42.800	ug/l	98
22) Diisopropyl ether	5.93	45	811294	48.196	ug/l	98
23) Vinyl Acetate	5.87	43	3076848	234.020	ug/l	99
24) 1,1-Dichloroethane	5.82	63	409312	45.882	ug/l	98
25) 2-Butanone	6.82	43	727151	237.813	ug/l	97
26) 2,2-Dichloropropane	6.80	77	349449	45.234	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	232329	46.813	ug/l	98
28) Bromochloromethane	7.17	49	249463	51.926	ug/l	94
29) Tetrahydrofuran	7.20	42	475645	235.910	ug/l	99
30) Chloroform	7.35	83	420651	50.823	ug/l	97
31) Cyclohexane	7.63	56	400930	46.548	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	352267	46.033	ug/l	99
36) 1,1-Dichloropropene	7.77	75	309494	48.069	ug/l	97
37) Ethyl Acetate	6.91	43	292049	45.904	ug/l	99
38) Carbon Tetrachloride	7.75	117	283844	44.376	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	381849	49.936	ug/l	97
40) Benzene	8.02	78	923365	47.781	ug/l	99
41) Methacrylonitrile	7.16	41	139523	45.991	ug/l	97
42) 1,2-Dichloroethane	8.11	62	360796	48.490	ug/l	99
43) Isopropyl Acetate	8.16	43	541559	46.423	ug/l	99
44) Trichloroethene	8.83	130	209273	48.513	ug/l	93
45) 1,2-Dichloropropane	9.11	63	265722	48.824	ug/l	98
46) Dibromomethane	9.20	93	162940	51.104	ug/l	99
47) Bromodichloromethane	9.39	83	337146	46.956	ug/l	97
48) Methyl methacrylate	9.19	41	264838	47.743	ug/l	98
49) 1,4-Dioxane	9.19	88	67290	938.048	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	1578362	242.770	ug/l	100
52) Toluene	10.15	92	577378	51.839	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	366688	48.756	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	403659	48.205	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	222450	49.388	ug/l	98
56) Ethyl methacrylate	10.43	69	357498	50.456	ug/l	98
57) 1,3-Dichloropropane	10.70	76	400716	51.118	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	583974	292.799	ug/l	99
59) 2-Hexanone	10.75	43	1099264	246.513	ug/l	100
60) Dibromochloromethane	10.90	129	228739	48.055	ug/l	98
61) 1,2-Dibromoethane	11.00	107	221192	50.069	ug/l	99
64) Tetrachloroethene	10.63	164	196900	48.131	ug/l	97
65) Chlorobenzene	11.43	112	565951	47.879	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	208530	46.000	ug/l	99
67) Ethyl Benzene	11.51	91	1102729	48.197	ug/l	99
68) m/p-Xylenes	11.62	106	786688	101.106	ug/l	99
69) o-Xylene	11.95	106	375816	48.758	ug/l	99
70) Styrene	11.96	104	626758	51.353	ug/l	99
71) Bromoform	12.13	173	134796	43.987	ug/l #	98
73) Isopropylbenzene	12.25	105	1035507	51.506	ug/l	99
74) N-amyl acetate	12.07	43	460045	48.379	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	294150	50.753	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	279479m	56.055	ug/l	
77) Bromobenzene	12.52	156	210059	50.444	ug/l	100
78) n-propylbenzene	12.59	91	1199103	52.008	ug/l	100
79) 2-Chlorotoluene	12.68	91	696202	51.480	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	860543	52.116	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	92463	44.851	ug/l	95
82) 4-Chlorotoluene	12.77	91	690196	51.065	ug/l	98
83) tert-Butylbenzene	12.99	119	722552	52.398	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	837989	47.467	ug/l	99
85) sec-Butylbenzene	13.17	105	988249	52.814	ug/l	100
86) p-Isopropyltoluene	13.29	119	830155	46.769	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	352173	48.013	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	342460	47.675	ug/l	99
89) n-Butylbenzene	13.62	91	745476	49.629	ug/l	99
90) Hexachloroethane	13.88	117	156331	46.855	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	342513	48.916	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	48056	44.220	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	119034	42.873	ug/l	97
94) Hexachlorobutadiene	15.01	225	98410	55.528	ug/l	99
95) Naphthalene	15.13	128	371379	41.881	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	118910	42.823	ug/l	99

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

