

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
 Data File : VN056999.D
 Acq On : 31 Jul 2019 8:55
 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
 8/2/2019 10:54:20 PM

Quant Time: Aug 01 01:29:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	534568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	740883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	682896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	294987	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	265672	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
35) Dibromofluoromethane	7.58	113	250768	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
50) Toluene-d8	10.08	98	949569	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.40	95	312710	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	287606	53.219	ug/l	98
3) Chloromethane	2.05	50	309283	47.793	ug/l	100
4) Vinyl Chloride	2.18	62	289526	47.715	ug/l	99
5) Bromomethane	2.54	94	166449	44.124	ug/l	97
6) Chloroethane	2.69	64	157981	47.230	ug/l	100
7) Trichlorofluoromethane	3.00	101	402426	50.664	ug/l	100
8) Diethyl Ether	3.40	74	145429	48.922	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	244994	49.750	ug/l	99
10) Methyl Iodide	3.94	142	350984	53.338	ug/l	100
11) Tert butyl alcohol	4.77	59	156778	211.963	ug/l	100
12) 1,1-Dichloroethene	3.72	96	232157	49.407	ug/l	100
13) Acrolein	3.59	56	59046	154.665	ug/l	98
14) Allyl chloride	4.31	41	360008	47.101	ug/l	98
15) Acrylonitrile	4.97	53	521153	240.267	ug/l	99
16) Acetone	3.80	43	538074	271.424	ug/l	98
17) Carbon Disulfide	4.04	76	593880	47.564	ug/l	99
18) Methyl Acetate	4.31	43	273412	43.234	ug/l	98
19) Methyl tert-butyl Ether	5.02	73	674830	48.166	ug/l	99
20) Methylene Chloride	4.53	84	273393	47.876	ug/l	97
21) trans-1,2-Dichloroethene	5.02	96	246618	49.419	ug/l	97
22) Diisopropyl ether	5.94	45	768407	48.793	ug/l	97
23) Vinyl Acetate	5.88	43	2599535	238.240	ug/l	99
24) 1,1-Dichloroethane	5.83	63	450479	48.482	ug/l	100
25) 2-Butanone	6.82	43	687453	244.554	ug/l	99
26) 2,2-Dichloropropane	6.81	77	338234	47.874	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	287398	48.692	ug/l	100
28) Bromochloromethane	7.18	49	200071	45.809	ug/l	98
29) Tetrahydrofuran	7.19	42	419002	228.456	ug/l	98
30) Chloroform	7.36	83	451086	47.482	ug/l	99
31) Cyclohexane	7.64	56	415445	46.205	ug/l	99
32) 1,1,1-Trichloroethane	7.56	97	375411	49.526	ug/l	99
36) 1,1-Dichloropropene	7.78	75	341389	52.366	ug/l	99
37) Ethyl Acetate	6.91	43	255281	48.892	ug/l	99
38) Carbon Tetrachloride	7.76	117	326921	53.015	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	436117	52.341	ug/l	99
40) Benzene	8.03	78	1041079	51.848	ug/l	98
41) Methacrylonitrile	7.16	41	123496	51.163	ug/l	92
42) 1,2-Dichloroethane	8.11	62	323790	51.451	ug/l	100
43) Isopropyl Acetate	8.15	43	415349	48.129	ug/l #	93
44) Trichloroethene	8.82	130	294237	53.189	ug/l	99
45) 1,2-Dichloropropane	9.11	63	278285	51.814	ug/l	100
46) Dibromomethane	9.20	93	173402	53.536	ug/l	97
47) Bromodichloromethane	9.39	83	338571	53.166	ug/l	99
48) Methyl methacrylate	9.19	41	208746	50.101	ug/l	98
49) 1,4-Dioxane	9.19	88	89155	1038.335	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1289715	251.523	ug/l	99
52) Toluene	10.15	92	654034	54.214	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	349562	52.897	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	408087	53.111	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	248722	51.409	ug/l	98
56) Ethyl methacrylate	10.42	69	343091	47.065	ug/l	99
57) 1,3-Dichloropropane	10.70	76	415374	51.776	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	607001	209.368	ug/l	99
59) 2-Hexanone	10.74	43	939643	238.079	ug/l	100
60) Dibromochloromethane	10.90	129	269163	54.303	ug/l	99
61) 1,2-Dibromoethane	11.00	107	252104	53.396	ug/l	100
64) Tetrachloroethene	10.62	164	318573	54.135	ug/l	98
65) Chlorobenzene	11.43	112	714844	51.360	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	262522	50.113	ug/l	98
67) Ethyl Benzene	11.50	91	1251553	52.028	ug/l	100
68) m/p-Xylenes	11.61	106	942088	106.118	ug/l	100
69) o-Xylene	11.94	106	450230	51.837	ug/l	100
70) Styrene	11.96	104	758578	49.435	ug/l	100
71) Bromoform	12.12	173	187780	51.342	ug/l #	98
73) Isopropylbenzene	12.24	105	1223751	48.001	ug/l	99
74) N-amyl acetate	12.07	43	332194	44.876	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	315009	48.825	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	274757m	45.864	ug/l	
77) Bromobenzene	12.52	156	322222	48.427	ug/l	97
78) n-propylbenzene	12.59	91	1352469	49.685	ug/l	99
79) 2-Chlorotoluene	12.67	91	803690	47.949	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1038296	49.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	86540	46.414	ug/l	98
82) 4-Chlorotoluene	12.77	91	776067	49.476	ug/l	100
83) tert-Butylbenzene	12.99	119	898372	48.501	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1023716	50.848	ug/l	100
85) sec-Butylbenzene	13.17	105	1174779	49.171	ug/l	100
86) p-Isopropyltoluene	13.28	119	1073698	50.618	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	512052	50.592	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	489228	50.211	ug/l	100
89) n-Butylbenzene	13.61	91	839609	51.359	ug/l	99
90) Hexachloroethane	13.87	117	175123	47.946	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	505611	50.758	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	45464	44.837	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	225067	44.134	ug/l	98
94) Hexachlorobutadiene	15.00	225	194027	56.172	ug/l	96
95) Naphthalene	15.12	128	545194	43.965	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	248516	47.945	ug/l	99

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

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