

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082219\
 Data File : VN057460.D
 Acq On : 23 Aug 2019 3:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/23/2019 2:39:53 PM

Quant Time: Aug 23 06:00:14 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	365995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	698793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	622222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	242165	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	336569	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
35) Dibromofluoromethane	7.57	113	231887	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	10.08	98	906504	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	12.40	95	309417	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	218608	50.616	ug/l	94
3) Chloromethane	2.05	50	298231	48.347	ug/l	100
4) Vinyl Chloride	2.17	62	379646	50.564	ug/l	99
5) Bromomethane	2.54	94	223902	48.390	ug/l	99
6) Chloroethane	2.69	64	241805	50.068	ug/l	94
7) Trichlorofluoromethane	3.00	101	573451	49.205	ug/l	97
8) Diethyl Ether	3.39	74	207998	53.156	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	200431	34.078	ug/l	98
10) Methyl Iodide	3.92	142	242666	50.992	ug/l	99
11) Tert butyl alcohol	4.79	59	188988	236.252	ug/l	100
12) 1,1-Dichloroethene	3.70	96	250773	40.254	ug/l	95
13) Acrolein	3.58	56	205961	292.807	ug/l	97
14) Allyl chloride	4.29	41	401033	48.603	ug/l	98
15) Acrylonitrile	4.97	53	544374	252.343	ug/l	100
16) Acetone	3.80	43	446825	151.122	ug/l	99
17) Carbon Disulfide	4.02	76	552505	46.494	ug/l	99
18) Methyl Acetate	4.30	43	353485	55.504	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	714306	47.500	ug/l	96
20) Methylene Chloride	4.52	84	222384	50.730	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	205669	46.785	ug/l	96
22) Diisopropyl ether	5.93	45	895525	50.666	ug/l	98
23) Vinyl Acetate	5.87	43	3398691	246.184	ug/l	100
24) 1,1-Dichloroethane	5.82	63	454659	48.537	ug/l	98
25) 2-Butanone	6.82	43	793805	247.244	ug/l	99
26) 2,2-Dichloropropane	6.80	77	285947	35.250	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	250824	48.132	ug/l	97
28) Bromochloromethane	7.18	49	269435	53.412	ug/l	98
29) Tetrahydrofuran	7.20	42	529926	250.311	ug/l	100
30) Chloroform	7.36	83	443626	51.045	ug/l	97
31) Cyclohexane	7.63	56	436692	48.285	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	390253	48.567	ug/l	100
36) 1,1-Dichloropropene	7.78	75	328910	46.064	ug/l	99
37) Ethyl Acetate	6.91	43	346070	49.049	ug/l	99
38) Carbon Tetrachloride	7.76	117	320560	45.191	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	397420	46.865	ug/l	98
40) Benzene	8.03	78	986852	46.048	ug/l	98
41) Methacrylonitrile	7.16	41	187203	55.643	ug/l	85
42) 1,2-Dichloroethane	8.11	62	384034	46.540	ug/l	98
43) Isopropyl Acetate	8.15	43	605666	46.816	ug/l	99
44) Trichloroethene	8.82	130	224660	46.961	ug/l	93
45) 1,2-Dichloropropane	9.11	63	280867	46.535	ug/l	98
46) Dibromomethane	9.20	93	172928	48.890	ug/l	99
47) Bromodichloromethane	9.40	83	364990	45.838	ug/l	100
48) Methyl methacrylate	9.19	41	296976	48.274	ug/l	99
49) 1,4-Dioxane	9.20	88	75528	949.407	ug/l	92
51) 4-Methyl-2-Pentanone	9.98	43	1760830	244.217	ug/l	100
52) Toluene	10.15	92	604931	48.975	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	373877	44.826	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	403505	43.451	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	229564	45.958	ug/l	98
56) Ethyl methacrylate	10.43	69	391852	49.869	ug/l	98
57) 1,3-Dichloropropane	10.70	76	411204	47.300	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	524524	240.387	ug/l	100
59) 2-Hexanone	10.75	43	1215312	245.751	ug/l	100
60) Dibromochloromethane	10.90	129	246618	46.719	ug/l	100
61) 1,2-Dibromoethane	11.00	107	232938	47.546	ug/l	99
64) Tetrachloroethene	10.63	164	205113	47.118	ug/l	94
65) Chlorobenzene	11.43	112	581286	46.215	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	225180	46.681	ug/l	100
67) Ethyl Benzene	11.51	91	1173319	48.194	ug/l	99
68) m/p-Xylenes	11.62	106	821574	99.230	ug/l	100
69) o-Xylene	11.95	106	400167	48.790	ug/l	98
70) Styrene	11.96	104	666528	51.322	ug/l	99
71) Bromoform	12.13	173	153439	47.055	ug/l #	99
73) Isopropylbenzene	12.25	105	1091192	50.845	ug/l	100
74) N-amyl acetate	12.07	43	505787	49.989	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	313328	50.691	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	285759m	53.579	ug/l	
77) Bromobenzene	12.53	156	224254	50.502	ug/l	99
78) n-propylbenzene	12.59	91	1228792	49.875	ug/l	99
79) 2-Chlorotoluene	12.67	91	736484	51.040	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	901422	51.127	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	95361	43.270	ug/l	98
82) 4-Chlorotoluene	12.77	91	722944	50.122	ug/l	100
83) tert-Butylbenzene	12.99	119	748813	50.795	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	879202	46.700	ug/l	99
85) sec-Butylbenzene	13.17	105	1008799	50.435	ug/l	100
86) p-Isopropyltoluene	13.29	119	845604	44.673	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	359322	45.936	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	347173	45.321	ug/l	98
89) n-Butylbenzene	13.62	91	740642	46.237	ug/l	99
90) Hexachloroethane	13.88	117	177122	50.020	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	354539	47.480	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	55567	47.989	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	114717	39.262	ug/l	99
94) Hexachlorobutadiene	15.01	225	90548	47.436	ug/l	99
95) Naphthalene	15.13	128	397000	41.972	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	118420	40.329	ug/l	99

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

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