

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058074.D
 Acq On : 14 Sep 2019 13:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/16/2019 2:11:00 PM

Quant Time: Sep 16 03:32:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	325278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	540279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	520121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	324534	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	344791	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
35) Dibromofluoromethane	7.58	113	249881	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	10.09	98	996025	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.40	95	375602	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	231858	51.542	ug/l	98
3) Chloromethane	2.04	50	195241	42.584	ug/l	99
4) Vinyl Chloride	2.17	62	206090	42.471	ug/l	98
5) Bromomethane	2.54	94	126974	47.542	ug/l	95
6) Chloroethane	2.68	64	134445	43.480	ug/l	98
7) Trichlorofluoromethane	3.00	101	275899	45.180	ug/l	99
8) Diethyl Ether	3.39	74	129138	50.703	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	201326	52.262	ug/l	99
10) Methyl Iodide	3.93	142	207457	48.394	ug/l	99
11) Tert butyl alcohol	4.76	59	195502	245.178	ug/l	100
12) 1,1-Dichloroethene	3.72	96	169514	48.941	ug/l	95
13) Acrolein	3.58	56	138461	204.672	ug/l	100
14) Allyl chloride	4.30	41	287785	42.457	ug/l	90
15) Acrylonitrile	4.96	53	592597	270.383	ug/l	99
16) Acetone	3.79	43	502774	232.793	ug/l	100
17) Carbon Disulfide	4.03	76	231871	43.035	ug/l	100
18) Methyl Acetate	4.30	43	334408	58.072	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	797138	55.302	ug/l	98
20) Methylene Chloride	4.53	84	232132	56.621	ug/l	95
21) trans-1,2-Dichloroethene	5.02	96	186353	49.771	ug/l	98
22) Diisopropyl ether	5.93	45	884642	55.652	ug/l	98
23) Vinyl Acetate	5.87	43	3112033	276.246	ug/l	99
24) 1,1-Dichloroethane	5.83	63	467606	53.825	ug/l	99
25) 2-Butanone	6.81	43	803019	256.891	ug/l	100
26) 2,2-Dichloropropane	6.81	77	200013	29.092	ug/l	97
27) cis-1,2-Dichloroethene	6.81	96	265700	52.953	ug/l	96
28) Bromochloromethane	7.18	49	227535	52.425	ug/l	96
29) Tetrahydrofuran	7.19	42	512410	266.021	ug/l	99
30) Chloroform	7.36	83	493122	54.287	ug/l	98
31) Cyclohexane	7.64	56	311371	52.716	ug/l	99
32) 1,1,1-Trichloroethane	7.56	97	377277	52.369	ug/l	99
36) 1,1-Dichloropropene	7.78	75	301224	48.074	ug/l	99
37) Ethyl Acetate	6.91	43	329828	50.949	ug/l	99
38) Carbon Tetrachloride	7.76	117	302103	52.809	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	312191	47.397	ug/l	96
40) Benzene	8.03	78	978022	51.845	ug/l	99
41) Methacrylonitrile	7.17	41	184135m	62.660	ug/l	
42) 1,2-Dichloroethane	8.11	62	402660	53.372	ug/l	99
43) Isopropyl Acetate	8.15	43	623427	57.265	ug/l	97
44) Trichloroethene	8.83	130	236550	51.126	ug/l	98
45) 1,2-Dichloropropane	9.11	63	298764	54.428	ug/l	100
46) Dibromomethane	9.20	93	179345	54.068	ug/l	100
47) Bromodichloromethane	9.40	83	372048	56.169	ug/l	96
48) Methyl methacrylate	9.19	41	289851	52.486	ug/l	99
49) 1,4-Dioxane	9.19	88	85516	915.690	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1813908	281.556	ug/l	99
52) Toluene	10.15	92	621098	52.275	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	357934	51.315	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	390259	50.676	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	273866	54.416	ug/l	99
56) Ethyl methacrylate	10.43	69	411131	54.247	ug/l	99
57) 1,3-Dichloropropane	10.71	76	474311	54.686	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	862717	241.685	ug/l	100
59) 2-Hexanone	10.75	43	1294949	268.169	ug/l	100
60) Dibromochloromethane	10.90	129	265985	56.914	ug/l	99
61) 1,2-Dibromoethane	11.00	107	259878	54.619	ug/l	100
64) Tetrachloroethene	10.63	164	210524	54.819	ug/l	97
65) Chlorobenzene	11.43	112	715140	52.538	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	260381	55.127	ug/l	98
67) Ethyl Benzene	11.51	91	1289199	54.042	ug/l	99
68) m/p-Xylenes	11.62	106	944759	108.118	ug/l	100
69) o-Xylene	11.95	106	471714	54.300	ug/l	98
70) Styrene	11.97	104	836995	55.985	ug/l	100
71) Bromoform	12.13	173	166683	56.603	ug/l #	98
73) Isopropylbenzene	12.25	105	1333721	52.961	ug/l	99
74) N-amyl acetate	12.07	43	558904	50.997	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	428914	50.585	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	381810m	52.007	ug/l	
77) Bromobenzene	12.53	156	312786	49.818	ug/l	97
78) n-propylbenzene	12.60	91	1545145	53.433	ug/l	100
79) 2-Chlorotoluene	12.68	91	934540	51.132	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	1142379	53.688	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	84504	40.505	ug/l	92
82) 4-Chlorotoluene	12.78	91	974208	51.905	ug/l	100
83) tert-Butylbenzene	13.00	119	987810	52.226	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1160611	53.668	ug/l	98
85) sec-Butylbenzene	13.18	105	1346792	53.723	ug/l	100
86) p-Isopropyltoluene	13.29	119	1204642	54.537	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	595115	51.639	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	593980	50.776	ug/l	99
89) n-Butylbenzene	13.62	91	1119925	53.689	ug/l	99
90) Hexachloroethane	13.88	117	176029	53.585	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	600688	52.173	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.28	75	73279	52.332	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	376610	50.045	ug/l	99
94) Hexachlorobutadiene	15.01	225	176316	55.271	ug/l	97
95) Naphthalene	15.13	128	1006013	53.049	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	343381	52.222	ug/l	99

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

