

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092019\
 Data File : VN058243.D
 Acq On : 20 Sep 2019 12:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 3:29:51 PM

Quant Time: Sep 21 00:07:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	478985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	806513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	753126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	369605	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	360019	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
35) Dibromofluoromethane	7.57	113	255693	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
50) Toluene-d8	10.09	98	1023563	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
62) 4-Bromofluorobenzene	12.40	95	387577	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	182296	46.330	ug/l	99
3) Chloromethane	2.03	50	152843	50.403	ug/l	98
4) Vinyl Chloride	2.17	62	167867	50.626	ug/l	99
5) Bromomethane	2.54	94	89985	51.236	ug/l	94
6) Chloroethane	2.68	64	113700	53.646	ug/l	99
7) Trichlorofluoromethane	3.00	101	248820	46.329	ug/l	99
8) Diethyl Ether	3.39	74	116635	47.396	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	183135	47.294	ug/l	98
10) Methyl Iodide	3.93	142	158240	48.769	ug/l	99
11) Tert butyl alcohol	4.75	59	180079	226.923	ug/l	99
12) 1,1-Dichloroethene	3.72	96	147152	50.076	ug/l	94
13) Acrolein	3.59	56	46231	393.107	ug/l	99
14) Allyl chloride	4.30	41	306843	48.426	ug/l	99
15) Acrylonitrile	4.96	53	557456	263.660	ug/l	99
16) Acetone	3.79	43	532674	235.227	ug/l	100
17) Carbon Disulfide	4.03	76	186216	45.046	ug/l	98
18) Methyl Acetate	4.30	43	298932	50.167	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	761355	52.130	ug/l	98
20) Methylene Chloride	4.53	84	204574	51.606	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	158374	49.454	ug/l	96
22) Diisopropyl ether	5.93	45	825502	51.288	ug/l	97
23) Vinyl Acetate	5.87	43	3019598	274.174	ug/l	100
24) 1,1-Dichloroethane	5.83	63	429831	50.036	ug/l	99
25) 2-Butanone	6.81	43	805638	261.136	ug/l	99
26) 2,2-Dichloropropane	6.81	77	357881	49.107	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	240150	49.441	ug/l	98
28) Bromochloromethane	7.18	49	217842	53.605	ug/l	100
29) Tetrahydrofuran	7.19	42	477125	251.071	ug/l	99
30) Chloroform	7.36	83	460102	49.758	ug/l	100
31) Cyclohexane	7.64	56	277058	49.889	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	356601	50.658	ug/l	99
36) 1,1-Dichloropropene	7.78	75	270351	46.483	ug/l	100
37) Ethyl Acetate	6.91	43	315216	52.224	ug/l	99
38) Carbon Tetrachloride	7.76	117	283378	48.469	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	277531	49.353	ug/l	98
40) Benzene	8.03	78	865476	48.719	ug/l	99
41) Methacrylonitrile	7.15	41	148313	48.798	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	369239	49.535	ug/l	99
43) Isopropyl Acetate	8.15	43	557639	49.468	ug/l	100
44) Trichloroethene	8.82	130	211382	48.625	ug/l	99
45) 1,2-Dichloropropane	9.11	63	273052	51.469	ug/l	98
46) Dibromomethane	9.20	93	164721	51.069	ug/l	98
47) Bromodichloromethane	9.39	83	355677	52.637	ug/l	98
48) Methyl methacrylate	9.19	41	268851	52.528	ug/l	99
49) 1,4-Dioxane	9.19	88	74615	887.931	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	1756112	293.294	ug/l	99
52) Toluene	10.15	92	558961	50.207	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	376594	54.407	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	408679	53.477	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	260280	52.681	ug/l	98
56) Ethyl methacrylate	10.43	69	393010	55.132	ug/l	99
57) 1,3-Dichloropropane	10.71	76	442095	52.051	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	1058616	311.770	ug/l	100
59) 2-Hexanone	10.75	43	1294619	291.129	ug/l	99
60) Dibromochloromethane	10.90	129	260765	54.861	ug/l	99
61) 1,2-Dibromoethane	11.00	107	240020	52.421	ug/l	100
64) Tetrachloroethene	10.63	164	170319	46.392	ug/l	99
65) Chlorobenzene	11.43	112	656485	49.557	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	252323	52.530	ug/l	100
67) Ethyl Benzene	11.51	91	1183835	52.155	ug/l	100
68) m/p-Xylenes	11.62	106	851724	99.629	ug/l	95
69) o-Xylene	11.95	106	432566	51.459	ug/l	99
70) Styrene	11.97	104	769535	53.132	ug/l	100
71) Bromoform	12.13	173	168127	47.411	ug/l #	100
73) Isopropylbenzene	12.25	105	1236840	53.462	ug/l	100
74) N-amyl acetate	12.07	43	540204	55.816	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	409403	52.844	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	368888m	55.767	ug/l	
77) Bromobenzene	12.53	156	289245	49.703	ug/l	98
78) n-propylbenzene	12.60	91	1450445	55.172	ug/l	99
79) 2-Chlorotoluene	12.68	91	867814	52.819	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1063040	54.338	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	107414	48.523	ug/l	100
82) 4-Chlorotoluene	12.78	91	919248	53.226	ug/l	100
83) tert-Butylbenzene	13.00	119	944379	54.131	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1077891	55.366	ug/l	100
85) sec-Butylbenzene	13.18	105	1284107	56.286	ug/l	100
86) p-Isopropyltoluene	13.29	119	1146931	56.550	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	565375	53.191	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	562764	51.861	ug/l	100
89) n-Butylbenzene	13.62	91	1085802	56.468	ug/l	100
90) Hexachloroethane	13.88	117	178152	50.086	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	566326	53.116	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	76848	55.098	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	361754	53.103	ug/l	99
94) Hexachlorobutadiene	15.01	225	175095	53.178	ug/l	97
95) Naphthalene	15.13	128	984854	55.785	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	341729	53.073	ug/l	98

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

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