

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082219\
 Data File : VN057442.D
 Acq On : 22 Aug 2019 19:08
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 8/23/2019 2:40:16 PM

Quant Time: Aug 23 04:46:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 04:20:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	403194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	744808	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	695515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	294759	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	1050058	211.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	423.72%	
35) Dibromofluoromethane	7.57	113	737572	149.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.56%	
50) Toluene-d8	10.08	98	2891579	159.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	318.12%	
62) 4-Bromofluorobenzene	12.40	95	1040870	162.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	325.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	760035	204.714	ug/l	97
3) Chloromethane	2.04	50	949853	210.538	ug/l	99
4) Vinyl Chloride	2.17	62	1195239	261.691	ug/l	98
5) Bromomethane	2.52	94	758932m	241.399	ug/l	
6) Chloroethane	2.67	64	743856	243.914	ug/l	96
7) Trichlorofluoromethane	2.99	101	1776993	251.744	ug/l	98
8) Diethyl Ether	3.39	74	633601	240.327	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	947005	234.765	ug/l	100
10) Methyl Iodide	3.92	142	810177	145.191	ug/l	100
11) Tert butyl alcohol	4.79	59	663461	996.997	ug/l	97
12) 1,1-Dichloroethene	3.70	96	943803	234.941	ug/l	99
13) Acrolein	3.58	56	541042	1180.026	ug/l	97
14) Allyl chloride	4.29	41	1380435	221.312	ug/l	100
15) Acrylonitrile	4.96	53	1777363	990.921	ug/l	100
16) Acetone	3.80	43	1547617	950.813	ug/l	100
17) Carbon Disulfide	4.01	76	1874948	187.840	ug/l	100
18) Methyl Acetate	4.30	43	1043029	158.130	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	2315375	195.687	ug/l	99
20) Methylene Chloride	4.52	84	734168	167.719	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	687949	175.142	ug/l	98
22) Diisopropyl ether	5.93	45	2848463	228.455	ug/l	99
23) Vinyl Acetate	5.87	43	11213109	1129.540	ug/l	100
24) 1,1-Dichloroethane	5.82	63	1471073	199.335	ug/l	99
25) 2-Butanone	6.82	43	2539448	1062.405	ug/l	98
26) 2,2-Dichloropropane	6.80	77	1221641	203.135	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	826405	177.143	ug/l	99
28) Bromochloromethane	7.18	49	809791	230.502	ug/l	99
29) Tetrahydrofuran	7.20	42	1692460	1104.882	ug/l	99
30) Chloroform	7.36	83	1456851	190.718	ug/l	99
31) Cyclohexane	7.63	56	1411182	209.670	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	1301675	202.566	ug/l	99
36) 1,1-Dichloropropene	7.78	75	1102575	164.463	ug/l	99
37) Ethyl Acetate	6.91	43	1068110	189.371	ug/l	99
38) Carbon Tetrachloride	7.76	117	1073797	155.650	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	1333073	169.463	ug/l	98
40) Benzene	8.03	78	3215461	157.719	ug/l	99
41) Methacrylonitrile	7.16	41	566592	220.130	ug/l	90
42) 1,2-Dichloroethane	8.11	62	1231902	177.951	ug/l	100
43) Isopropyl Acetate	8.16	43	1975288	162.861	ug/l	99
44) Trichloroethene	8.82	130	744685	133.870	ug/l	96
45) 1,2-Dichloropropane	9.11	63	907127	170.344	ug/l	100
46) Dibromomethane	9.20	93	558965	158.964	ug/l	98
47) Bromodichloromethane	9.40	83	1210659	172.400	ug/l	99
48) Methyl methacrylate	9.19	41	939524	198.803	ug/l	98
49) 1,4-Dioxane	9.20	88	248079	2742.710	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	5605096	957.577	ug/l	100
52) Toluene	10.15	92	1990378	158.615	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1337097	176.814	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	1423072	171.096	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	745835	151.264	ug/l	99
56) Ethyl methacrylate	10.43	69	1283178	175.630	ug/l	99
57) 1,3-Dichloropropane	10.70	76	1336566	160.289	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	1847961	985.728	ug/l	100
59) 2-Hexanone	10.75	43	3973348	955.527	ug/l	100
60) Dibromochloromethane	10.90	129	843619	154.137	ug/l	99
61) 1,2-Dibromoethane	11.00	107	777594	148.992	ug/l	97
64) Tetrachloroethene	10.63	164	634094	108.826	ug/l	97
65) Chlorobenzene	11.43	112	1990364	141.426	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	726985	135.105	ug/l	100
67) Ethyl Benzene	11.51	91	3841734	152.819	ug/l	100
68) m/p-Xylenes	11.62	106	2730486	298.504	ug/l	100
69) o-Xylene	11.95	106	1330938	148.007	ug/l	99
70) Styrene	11.96	104	2315343	161.471	ug/l	100
71) Bromoform	12.13	173	544438	131.217	ug/l #	99
73) Isopropylbenzene	12.25	105	3654876	126.437	ug/l	100
74) N-amyl acetate	12.07	43	1748013	187.456	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1061113	125.535	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	932669m	128.667	ug/l	
77) Bromobenzene	12.53	156	771085	105.734	ug/l	99
78) n-propylbenzene	12.59	91	4298349	147.634	ug/l	100
79) 2-Chlorotoluene	12.68	91	2493591	134.135	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	3026638	130.167	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	383143	154.777	ug/l	97
82) 4-Chlorotoluene	12.77	91	2546103	148.211	ug/l	99
83) tert-Butylbenzene	12.99	119	2514222	117.541	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2940320	136.192	ug/l	99
85) sec-Butylbenzene	13.17	105	3487737	134.835	ug/l	99
86) p-Isopropyltoluene	13.29	119	2980312	135.738	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1322311	130.105	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	1321825	135.976	ug/l	98
89) n-Butylbenzene	13.62	91	2785755	172.492	ug/l	100
90) Hexachloroethane	13.88	117	605622	132.097	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	1311839	138.047	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	210366	188.943	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	614110	193.670	ug/l	98
94) Hexachlorobutadiene	15.01	225	329083	78.460	ug/l	100
95) Naphthalene	15.13	128	1909053	258.460	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	609872	200.085	ug/l	99

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

