

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
 Data File : VN054764.D
 Acq On : 29 Mar 2019 12:12
 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
 4/1/2019 4:00:17 PM

Quant Time: Mar 30 00:34:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:11:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	502322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	798636	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	699866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	327304	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	910942	134.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	269.06%	
35) Dibromofluoromethane	7.59	113	734784	138.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	276.00%	
50) Toluene-d8	10.09	98	2803712	141.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	283.28%	
62) 4-Bromofluorobenzene	12.40	95	989932	150.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	673287	132.511	ug/l	100
3) Chloromethane	2.06	50	945000	134.511	ug/l	99
4) Vinyl Chloride	2.19	62	834417	132.259	ug/l	100
5) Bromomethane	2.55	94	478834	125.640	ug/l	99
6) Chloroethane	2.70	64	467146	132.603	ug/l	98
7) Trichlorofluoromethane	3.02	101	1027109	132.420	ug/l	100
8) Diethyl Ether	3.41	74	338744	135.629	ug/l	69
9) 1,1,2-Trichlorotrifluoroet	3.75	101	532297	138.825	ug/l	93
10) Methyl Iodide	3.94	142	838052	149.927	ug/l #	88
11) Tert butyl alcohol	4.81	59	259942	729.484	ug/l	99
12) 1,1-Dichloroethene	3.73	96	526325	133.295	ug/l #	74
13) Acrolein	3.61	56	247836	785.781	ug/l	97
14) Allyl chloride	4.32	41	1386591	143.909	ug/l #	90
15) Acrylonitrile	4.99	53	1409214	718.622	ug/l	100
16) Acetone	3.82	43	1043898	646.477	ug/l #	82
17) Carbon Disulfide	4.04	76	1881585	146.921	ug/l	99
18) Methyl Acetate	4.33	43	617403	132.396	ug/l #	88
19) Methyl tert-butyl Ether	5.05	73	1973444	142.879	ug/l	93
20) Methylene Chloride	4.54	84	756115	132.748	ug/l #	82
21) trans-1,2-Dichloroethene	5.04	96	714285	137.723	ug/l	85
22) Diisopropyl ether	5.96	45	2725806	141.703	ug/l #	92
23) Vinyl Acetate	5.90	43	10229060	782.547	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	1425481	138.919	ug/l	98
25) 2-Butanone	6.84	43	1791113	750.390	ug/l #	88
26) 2,2-Dichloropropane	6.82	77	1052571	146.353	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	822490	140.383	ug/l	86
28) Bromochloromethane	7.19	49	719740	140.273	ug/l #	71
29) Tetrahydrofuran	7.22	42	1176337	708.616	ug/l #	83
30) Chloroform	7.37	83	1358349	138.826	ug/l	99
31) Cyclohexane	7.65	56	1356931	114.913	ug/l	85
32) 1,1,1-Trichloroethane	7.57	97	1166453	143.854	ug/l	96
36) 1,1-Dichloropropene	7.79	75	1081919	148.413	ug/l	95
37) Ethyl Acetate	6.94	43	788997	147.334	ug/l	95
38) Carbon Tetrachloride	7.77	117	1030799	142.613	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1206007	147.409	ug/l	89
40) Benzene	8.04	78	3104665	145.802	ug/l	99
41) Methacrylonitrile	7.18	41	462520	150.874	ug/l #	89
42) 1,2-Dichloroethane	8.12	62	1082728	142.406	ug/l	97
43) Isopropyl Acetate	8.17	43	1420660	160.215	ug/l #	94
44) Trichloroethene	8.83	130	798928	144.535	ug/l	92
45) 1,2-Dichloropropane	9.12	63	873248	143.823	ug/l	99
46) Dibromomethane	9.21	93	495193	144.981	ug/l	88
47) Bromodichloromethane	9.40	83	1086017	152.992	ug/l	98
48) Methyl methacrylate	9.20	41	737024	153.333	ug/l	87
49) 1,4-Dioxane	9.20	88	145700	3054.947	ug/l #	85
51) 4-Methyl-2-Pentanone	9.99	43	3864878	775.245	ug/l	93
52) Toluene	10.16	92	1878670	148.270	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1148645	172.020	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1314243	164.765	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	675970	143.476	ug/l	97
56) Ethyl methacrylate	10.43	69	1000522	161.887	ug/l #	84
57) 1,3-Dichloropropane	10.71	76	1211165	149.528	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2061561	869.897	ug/l #	89
59) 2-Hexanone	10.75	43	2522793	790.489	ug/l	91
60) Dibromochloromethane	10.90	129	793254	166.213	ug/l	100
61) 1,2-Dibromoethane	11.01	107	691097	153.494	ug/l	98
64) Tetrachloroethene	10.63	164	725348	135.060	ug/l	96
65) Chlorobenzene	11.43	112	2001937	146.099	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	766502	149.449	ug/l	100
67) Ethyl Benzene	11.51	91	3666362	148.274	ug/l	98
68) m/p-Xylenes	11.62	106	2709100	296.057	ug/l	95
69) o-Xylene	11.95	106	1304551	145.386	ug/l	95
70) Styrene	11.96	104	2249991	156.826	ug/l	97
71) Bromoform	12.13	173	515011	171.403	ug/l #	99
73) Isopropylbenzene	12.25	105	3463843	129.477	ug/l	98
74) N-amyl acetate	12.07	43	1193485	143.198	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.50	83	853308	128.435	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	765598m	139.296	ug/l	
77) Bromobenzene	12.53	156	875297	135.567	ug/l	84
78) n-propylbenzene	12.59	91	3971112	135.054	ug/l	96
79) 2-Chlorotoluene	12.67	91	2379064	130.781	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	2923844	133.197	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	242720	166.042	ug/l	91
82) 4-Chlorotoluene	12.77	91	2445583	138.411	ug/l	95
83) tert-Butylbenzene	12.99	119	2457906	128.041	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	2908121	139.058	ug/l	98
85) sec-Butylbenzene	13.17	105	3179392	133.331	ug/l	97
86) p-Isopropyltoluene	13.29	119	2892874	137.547	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	1512964	139.960	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	1476163	139.230	ug/l	98
89) n-Butylbenzene	13.62	91	2514144	146.515	ug/l	98
90) Hexachloroethane	13.88	117	523878	146.708	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	1443375	132.302	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	137726	150.593	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	861556	163.806	ug/l	98
94) Hexachlorobutadiene	15.01	225	450987	127.118	ug/l	100
95) Naphthalene	15.13	128	1967193	166.763	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	814575	153.352	ug/l	99

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

