

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057555.D
 Acq On : 29 Aug 2019 17:29
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 2:38:44 AM

Quant Time: Aug 29 17:51:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 17:26:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	607800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	945705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	923994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	535084	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	1277417	121.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	243.96%	
35) Dibromofluoromethane	7.58	113	1186269	174.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	349.18%	
50) Toluene-d8	10.08	98	3927484	152.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.68%	
62) 4-Bromofluorobenzene	12.40	95	1684278	192.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	385.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	1035265	145.899	ug/l	96
3) Chloromethane	2.05	50	874115	89.879	ug/l	97
4) Vinyl Chloride	2.18	62	1300392	107.471	ug/l	100
5) Bromomethane	2.52	94	1189543	149.533	ug/l	99
6) Chloroethane	2.68	64	796627	101.430	ug/l	97
7) Trichlorofluoromethane	3.00	101	2580940	130.784	ug/l	100
8) Diethyl Ether	3.40	74	825853	113.555	ug/l	66
9) 1,1,2-Trichlorotrifluoroet	3.73	101	1507390	135.976	ug/l #	83
10) Methyl Iodide	3.93	142	2608293	251.881	ug/l	92
11) Tert butyl alcohol	4.81	59	657085	519.339	ug/l	96
12) 1,1-Dichloroethene	3.71	96	1453863	136.398	ug/l #	73
13) Acrolein	3.59	56	502742	457.915	ug/l	97
14) Allyl chloride	4.30	41	1147915	81.367	ug/l #	85
15) Acrylonitrile	4.97	53	1718060	503.527	ug/l	98
16) Acetone	3.81	43	2379747	470.414	ug/l	94
17) Carbon Disulfide	4.02	76	2244263	116.545	ug/l	99
18) Methyl Acetate	4.31	43	777465	65.007	ug/l #	80
19) Methyl tert-butyl Ether	5.03	73	3118179	125.894	ug/l #	88
20) Methylene Chloride	4.53	84	1009414	126.780	ug/l #	75
21) trans-1,2-Dichloroethene	5.01	96	1055012	143.363	ug/l #	76
22) Diisopropyl ether	5.94	45	2639393	94.832	ug/l #	91
23) Vinyl Acetate	5.88	43	8525650	390.179	ug/l #	58
24) 1,1-Dichloroethane	5.83	63	1736173	114.402	ug/l	96
25) 2-Butanone	6.83	43	2186843	434.474	ug/l #	76
26) 2,2-Dichloropropane	6.81	77	1793742	132.596	ug/l	97
27) cis-1,2-Dichloroethene	6.81	96	1275015	145.525	ug/l	78
28) Bromochloromethane	7.18	49	729551	93.162	ug/l #	33
29) Tetrahydrofuran	7.20	42	1350608	410.959	ug/l #	67
30) Chloroform	7.36	83	2143801	131.793	ug/l	99
31) Cyclohexane	7.64	56	1480425	103.214	ug/l #	76
32) 1,1,1-Trichloroethane	7.55	97	2055613	151.041	ug/l #	92
36) 1,1-Dichloropropene	7.78	75	1520867	153.446	ug/l	93
37) Ethyl Acetate	6.92	43	915775	99.986	ug/l #	90
38) Carbon Tetrachloride	7.76	117	1837412	180.945	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	1954771	164.428	ug/l #	82
40) Benzene	8.03	78	4217793	141.476	ug/l #	90
41) Methacrylonitrile	7.16	41	448503	103.519	ug/l #	86
42) 1,2-Dichloroethane	8.11	62	1538598	135.876	ug/l	95
43) Isopropyl Acetate	8.16	43	1780265	105.382	ug/l #	88
44) Trichloroethene	8.83	130	1363947	197.383	ug/l	83
45) 1,2-Dichloropropane	9.11	63	1049425	128.617	ug/l	99
46) Dibromomethane	9.20	93	856140	158.735	ug/l #	84
47) Bromodichloromethane	9.40	83	1801123	161.428	ug/l	99
48) Methyl methacrylate	9.19	41	810656	101.517	ug/l #	75
49) 1,4-Dioxane	9.20	88	331860	3035.337	ug/l #	69
51) 4-Methyl-2-Pentanone	9.98	43	3989155	425.147	ug/l #	69
52) Toluene	10.15	92	3018611	171.068	ug/l	75
53) t-1,3-Dichloropropene	10.38	75	1845863	159.215	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	1961229	152.599	ug/l #	82
55) 1,1,2-Trichloroethane	10.56	97	1213970	170.930	ug/l	94
56) Ethyl methacrylate	10.43	69	1635550	152.032	ug/l #	76
57) 1,3-Dichloropropane	10.71	76	1860268	154.257	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	2218834	872.326	ug/l #	77
59) 2-Hexanone	10.75	43	3140565	487.048	ug/l	76
60) Dibromochloromethane	10.90	129	1566960	204.212	ug/l	99
61) 1,2-Dibromoethane	11.00	107	1329608	188.976	ug/l	97
64) Tetrachloroethene	10.63	164	1310273	188.585	ug/l	94
65) Chlorobenzene	11.43	112	3262855	165.621	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	11.51	131	1453639	191.351	ug/l	97
67) Ethyl Benzene	11.51	91	4317451	115.335	ug/l #	44
68) m/p-Xylenes	11.62	106	4232619	325.386	ug/l #	50
69) o-Xylene	11.95	106	2380494	185.528	ug/l	62
70) Styrene	11.96	104	3568521	175.407	ug/l	93
71) Bromoform	12.13	173	1143544	221.598	ug/l #	99
73) Isopropylbenzene	12.25	105	4419491	73.864	ug/l #	68
74) N-amyl acetate	12.07	43	1601693	62.545	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.51	83	1504253	87.657	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1286701m	96.977	ug/l	
77) Bromobenzene	12.53	156	1698280	139.743	ug/l	63
78) n-propylbenzene	12.59	91	4539661	72.058	ug/l #	60
79) 2-Chlorotoluene	12.68	91	3538765	94.262	ug/l	74
80) 1,3,5-Trimethylbenzene	12.73	105	4047161	85.399	ug/l	71
81) trans-1,4-Dichloro-2-buten	12.30	75	487272	96.616	ug/l	85
82) 4-Chlorotoluene	12.77	91	3629521m	101.146	ug/l	
83) tert-Butylbenzene	12.99	119	3882654	91.696	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	3987377	94.839	ug/l	72
85) sec-Butylbenzene	13.17	105	4313335	83.578	ug/l #	72
86) p-Isopropyltoluene	13.29	119	4108616	96.461	ug/l #	81
87) 1,3-Dichlorobenzene	13.29	146	2789720	156.198	ug/l	94
88) 1,4-Dichlorobenzene	13.36	146	2733620	157.005	ug/l	93
89) n-Butylbenzene	13.62	91	3561187	100.938	ug/l #	76
90) Hexachloroethane	13.88	117	1088613	112.835	ug/l	80
91) 1,2-Dichlorobenzene	13.66	146	2668779	156.676	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.27	75	266097	96.334	ug/l #	55

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1362603	218.703	ug/l	98
94) Hexachlorobutadiene	15.01	225	785554	147.898	ug/l	99
95) Naphthalene	15.13	128	3244395	160.659	ug/l	97
96) 1,2,3-Trichlorobenzene	15.30	180	1333449	206.572	ug/l	98

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

