

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059385.D
 Acq On : 25 Nov 2019 16:10
 Operator : JC/SP
 Sample : VN1125WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS02

Manual Integrations
 APPROVED

apatel
 11/26/2019 12:36:55 PM

Quant Time: Nov 25 17:57:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	349948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	543998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	486543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	220985	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	185448	44.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.34%	
35) Dibromofluoromethane	7.57	113	148554	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	
50) Toluene-d8	10.08	98	594194	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	
62) 4-Bromofluorobenzene	12.40	95	205885	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	68414	15.271	ug/l	99
3) Chloromethane	2.04	50	81198	14.794	ug/l	100
4) Vinyl Chloride	2.17	62	87632	15.508	ug/l	100
5) Bromomethane	2.55	94	48510	15.463	ug/l	98
6) Chloroethane	2.69	64	45602	14.787	ug/l	96
7) Trichlorofluoromethane	3.00	101	90500	14.873	ug/l	99
8) Diethyl Ether	3.39	74	38551	15.497	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	58254	15.656	ug/l	98
10) Methyl Iodide	3.93	142	72058	15.582	ug/l	99
11) Tert butyl alcohol	4.74	59	59170	70.385	ug/l	99
12) 1,1-Dichloroethene	3.71	96	57084	15.114	ug/l	97
13) Acrolein	3.58	56	58239	75.892	ug/l	99
14) Allyl chloride	4.30	41	105971	15.019	ug/l	100
15) Acrylonitrile	4.95	53	170299	76.618	ug/l	98
16) Acetone	3.79	43	176212	93.597	ug/l	99
17) Carbon Disulfide	4.03	76	174349	14.828	ug/l	99
18) Methyl Acetate	4.29	43	98261	15.727	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	187064	15.334	ug/l	99
20) Methylene Chloride	4.52	84	66754	15.721	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	61962	15.479	ug/l	99
22) Diisopropyl ether	5.92	45	203528	15.321	ug/l	95
23) Vinyl Acetate	5.87	43	798031	76.391	ug/l	100
24) 1,1-Dichloroethane	5.82	63	117321	15.690	ug/l	99
25) 2-Butanone	6.81	43	228411	78.022	ug/l	96
26) 2,2-Dichloropropane	6.80	77	99504	15.368	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	70277	15.561	ug/l	98
28) Bromochloromethane	7.17	49	44993	16.428	ug/l	94
29) Tetrahydrofuran	7.18	42	152092	75.134	ug/l	100
30) Chloroform	7.35	83	111432	15.261	ug/l	98
31) Cyclohexane	7.63	56	109740	14.843	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	94141	15.100	ug/l	99
36) 1,1-Dichloropropene	7.77	75	83632	14.892	ug/l	98
37) Ethyl Acetate	6.90	43	90685	15.025	ug/l	98
38) Carbon Tetrachloride	7.75	117	82969	15.432	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	101993	15.061	ug/l	99
40) Benzene	8.02	78	260781	15.821	ug/l	99
41) Methacrylonitrile	7.16	41	45016m	16.801	ug/l	
42) 1,2-Dichloroethane	8.10	62	85519	15.688	ug/l	99
43) Isopropyl Acetate	8.14	43	140816	15.266	ug/l	99
44) Trichloroethene	8.82	130	66369	15.888	ug/l	97
45) 1,2-Dichloropropane	9.10	63	69430	15.797	ug/l	99
46) Dibromomethane	9.19	93	43114	15.992	ug/l	97
47) Bromodichloromethane	9.39	83	82978	15.368	ug/l	99
48) Methyl methacrylate	9.19	41	60780	14.490	ug/l	97
49) 1,4-Dioxane	9.18	88	19484	309.063	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	427390	79.160	ug/l	99
52) Toluene	10.15	92	156855	15.826	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	98062	15.624	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	106725	15.670	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	62818	16.302	ug/l	100
56) Ethyl methacrylate	10.42	69	89949	15.408	ug/l	97
57) 1,3-Dichloropropane	10.70	76	108251	16.118	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	107879	63.828	ug/l	100
59) 2-Hexanone	10.74	43	313630	79.331	ug/l	99
60) Dibromochloromethane	10.90	129	62840	15.475	ug/l	97
61) 1,2-Dibromoethane	11.00	107	62928	15.695	ug/l	99
64) Tetrachloroethene	10.63	164	59567	15.830	ug/l	99
65) Chlorobenzene	11.43	112	165287	15.799	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	59922	15.767	ug/l	99
67) Ethyl Benzene	11.51	91	291625	15.612	ug/l	99
68) m/p-Xylenes	11.62	106	216573	31.202	ug/l	100
69) o-Xylene	11.95	106	103670	15.601	ug/l	100
70) Styrene	11.96	104	160680	15.325	ug/l	99
71) Bromoform	12.13	173	44335	15.403	ug/l #	100
73) Isopropylbenzene	12.25	105	276564	15.277	ug/l	100
74) N-amyl acetate	12.07	43	103898	14.281	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	88873	14.841	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	79494m	15.571	ug/l	
77) Bromobenzene	12.53	156	67111	15.284	ug/l	98
78) n-propylbenzene	12.59	91	318301	15.522	ug/l	99
79) 2-Chlorotoluene	12.67	91	189420	15.049	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	233234	15.326	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	30478	14.932	ug/l	98
82) 4-Chlorotoluene	12.77	91	194910	14.965	ug/l	100
83) tert-Butylbenzene	12.99	119	197374	15.357	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	230533	15.465	ug/l	100
85) sec-Butylbenzene	13.17	105	266383	15.421	ug/l	100
86) p-Isopropyltoluene	13.29	119	235769	15.338	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	116342	14.879	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	116136	15.011	ug/l	99
89) n-Butylbenzene	13.62	91	200518	14.870	ug/l	99
90) Hexachloroethane	13.88	117	42569	14.623	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	113579	15.013	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16470	12.936	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	61184	15.177	ug/l	100
94) Hexachlorobutadiene	15.01	225	41080	15.071	ug/l	98
95) Naphthalene	15.13	128	152222	14.111	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	61352	14.681	ug/l	98

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

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