

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072621\
 Data File : VN067905.D
 Acq On : 26 Jul 2021 14:24
 Operator : JC/MD
 Sample : VN0726WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/27/2021 3:56:11 PM

Quant Time: Jul 27 01:29:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	362642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	686335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	636407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	266362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	284609	51.930	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.860%			
35) Dibromofluoromethane	8.024	113	211631	51.036	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.080%			
50) Toluene-d8	10.443	98	840783	48.441	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.880%			
62) 4-Bromofluorobenzene	12.733	95	282517	46.077	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	58857	19.095	ug/l	96
3) Chloromethane	2.303	50	84537	17.316	ug/l	100
4) Vinyl Chloride	2.443	62	133173	18.074	ug/l	97
5) Bromomethane	2.848	94	111699	19.279	ug/l	98
6) Chloroethane	3.014	64	105801	18.947	ug/l	99
7) Trichlorofluoromethane	3.371	101	242171	19.584	ug/l	100
8) Diethyl Ether	3.816	74	68853	23.475	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.199	101	71364	21.234	ug/l	98
10) Methyl Iodide	4.417	142	79886	19.953	ug/l	92
11) Tert butyl alcohol	5.393	59	76312	96.896	ug/l #	88
12) 1,1-Dichloroethene	4.173	96	66878	20.740	ug/l	84
13) Acrolein	4.038	56	34515	87.194	ug/l	97
14) Allyl chloride	4.832	41	113471	19.144	ug/l	97
15) Acrylonitrile	5.562	53	206790	105.862	ug/l	99
16) Acetone	4.293	43	177615	102.993	ug/l	93
17) Carbon Disulfide	4.521	76	151380	16.948	ug/l	100
18) Methyl Acetate	4.859	43	106604	22.008	ug/l	95
19) Methyl tert-butyl Ether	5.623	73	270395	20.236	ug/l	96
20) Methylene Chloride	5.092	84	86789	21.156	ug/l	91
21) trans-1,2-Dichloroethene	5.594	96	75627	19.837	ug/l	90
22) Diisopropyl ether	6.503	45	264613	19.673	ug/l	97
23) Vinyl Acetate	6.436	43	1087377m	94.560	ug/l	
24) 1,1-Dichloroethane	6.385	63	151680	20.229	ug/l	99
25) 2-Butanone	7.343	43	291595	101.826	ug/l	96
26) 2,2-Dichloropropane	7.321	77	122783	18.737	ug/l	79
27) cis-1,2-Dichloroethene	7.327	96	93448	19.587	ug/l	88
28) Bromochloromethane	7.659	49	71450	19.528	ug/l #	80
29) Tetrahydrofuran	7.691	42	191113	101.484	ug/l	94
30) Chloroform	7.817	83	164881	19.576	ug/l	100
31) Cyclohexane	8.096	56	130656	17.002	ug/l	94
32) 1,1,1-Trichloroethane	8.013	97	144710	19.814	ug/l	99
36) 1,1-Dichloropropene	8.222	75	111208	17.443	ug/l	94
37) Ethyl Acetate	7.418	43	120406	19.492	ug/l	99
38) Carbon Tetrachloride	8.209	117	116067	18.457	ug/l	99
39) Methylcyclohexane	9.461	83	122035	17.485	ug/l	92
40) Benzene	8.461	78	354843	18.594	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	55679	17.538	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	133018	18.769	ug/l	97
43) Isopropyl Acetate	8.566	43	205042	18.870	ug/l	97
44) Trichloroethene	9.217	130	91553	18.904	ug/l	87
45) 1,2-Dichloropropane	9.491	63	91550	18.948	ug/l	100
46) Dibromomethane	9.579	93	66458	19.385	ug/l	95
47) Bromodichloromethane	9.764	83	126499	18.874	ug/l	100
48) Methyl methacrylate	9.563	41	85870	17.867	ug/l	90
49) 1,4-Dioxane	9.574	88	32000	356.051	ug/l	89
51) 4-Methyl-2-Pentanone	10.336	43	653466	97.890	ug/l	96
52) Toluene	10.507	92	231079	18.485	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	129474	17.390	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	142411	19.106	ug/l	90
55) 1,1,2-Trichloroethane	10.902	97	93782	19.576	ug/l	97
56) Ethyl methacrylate	10.762	69	139092	18.846	ug/l	92
57) 1,3-Dichloropropane	11.049	76	154449	18.801	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	144261	85.322	ug/l	92
59) 2-Hexanone	11.087	43	456565	97.983	ug/l	96
60) Dibromochloromethane	11.242	129	89663	16.888	ug/l	99
61) 1,2-Dibromoethane	11.350	107	95505	19.527	ug/l	100
64) Tetrachloroethene	10.979	164	86101	19.166	ug/l	97
65) Chlorobenzene	11.773	112	247308	18.921	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	89164	19.393	ug/l	99
67) Ethyl Benzene	11.848	91	442630	18.602	ug/l	98
68) m/p-Xylenes	11.956	106	333213	37.025	ug/l	89
69) o-Xylene	12.283	106	163012	18.423	ug/l	90
70) Styrene	12.296	104	266023	18.795	ug/l	93
71) Bromoform	12.460	173	56061	16.049	ug/l #	100
73) Isopropylbenzene	12.581	105	419075	19.500	ug/l	99
74) N-amyl acetate	12.390	43	148369	19.030	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.830	83	134264	21.526	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	112821m	20.741	ug/l	
77) Bromobenzene	12.862	156	95438	20.064	ug/l	79
78) n-propylbenzene	12.924	91	476647	19.609	ug/l	97
79) 2-Chlorotoluene	13.010	91	294059	20.024	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	350224	20.112	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.626	75	31913	18.915	ug/l	98
82) 4-Chlorotoluene	13.109	91	283082	19.480	ug/l	93
83) tert-Butylbenzene	13.326	119	292486	19.695	ug/l	91
84) 1,2,4-Trimethylbenzene	13.372	105	339600	19.903	ug/l	95
85) sec-Butylbenzene	13.506	105	406676	19.787	ug/l	97
86) p-Isopropyltoluene	13.618	119	314937	18.989	ug/l	94
87) 1,3-Dichlorobenzene	13.618	146	169373	19.194	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	162872	18.028	ug/l	97
89) n-Butylbenzene	13.946	91	258253	18.154	ug/l	98
90) Hexachloroethane	14.214	117	53176	19.305	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	165592	19.441	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.605	75	21743	20.071	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	65127	16.567	ug/l	98
94) Hexachlorobutadiene	15.372	225	32580	18.203	ug/l	97
95) Naphthalene	15.507	128	173370	15.505	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	62190	16.485	ug/l	97

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

