

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072121\
 Data File : VN067838.D
 Acq On : 21 Jul 2021 15:01
 Operator : JC/MD
 Sample : VN0721WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/22/2021 6:03:18 PM

Quant Time: Jul 22 02:11:24 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	8.086	168	367001	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	673902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	644882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	281254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	286572	51.667	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.340%	
35) Dibromofluoromethane	8.021	113	210548	51.712	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.420%	
50) Toluene-d8	10.443	98	861042	50.523	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.040%	
62) 4-Bromofluorobenzene	12.734	95	294793	48.966	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.940%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	62280	19.965	ug/l	100
3) Chloromethane	2.301	50	84104	17.023	ug/l	99
4) Vinyl Chloride	2.443	62	139047	18.647	ug/l	100
5) Bromomethane	2.851	94	116541	20.045	ug/l	97
6) Chloroethane	3.017	64	108055	19.135	ug/l	100
7) Trichlorofluoromethane	3.371	101	255276	20.547	ug/l	98
8) Diethyl Ether	3.821	74	47678	16.062	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.208	101	73731	21.677	ug/l	97
10) Methyl Iodide	4.417	142	80090	19.767	ug/l	92
11) Tert butyl alcohol	5.390	59	78835	98.911	ug/l	100
12) 1,1-Dichloroethene	4.178	96	68467	20.981	ug/l	83
13) Acrolein	4.039	56	34217	85.328	ug/l	98
14) Allyl chloride	4.838	41	113422	18.908	ug/l	94
15) Acrylonitrile	5.557	53	211797	107.137	ug/l	99
16) Acetone	4.291	43	175517	100.568	ug/l	95
17) Carbon Disulfide	4.524	76	157360	17.408	ug/l	100
18) Methyl Acetate	4.859	43	106276	21.680	ug/l	95
19) Methyl tert-butyl Ether	5.624	73	275239	20.354	ug/l	98
20) Methylene Chloride	5.095	84	89105	21.473	ug/l	91
21) trans-1,2-Dichloroethene	5.597	96	79032	20.484	ug/l	93
22) Diisopropyl ether	6.498	45	271406	19.939	ug/l	97
23) Vinyl Acetate	6.436	43	1127815	96.912	ug/l	95
24) 1,1-Dichloroethane	6.388	63	155012	20.427	ug/l	99
25) 2-Butanone	7.340	43	288702	99.619	ug/l	96
26) 2,2-Dichloropropane	7.329	77	124108	18.715	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	95928	19.868	ug/l	87
28) Bromochloromethane	7.657	49	69996	18.903	ug/l	# 83
29) Tetrahydrofuran	7.692	42	194266	101.933	ug/l	94
30) Chloroform	7.820	83	167164	19.612	ug/l	97
31) Cyclohexane	8.094	56	137265	17.650	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	147755	19.991	ug/l	99
36) 1,1-Dichloropropene	8.223	75	120102	19.186	ug/l	97
37) Ethyl Acetate	7.418	43	115955	19.118	ug/l	99
38) Carbon Tetrachloride	8.206	117	119642	19.376	ug/l	99
39) Methylcyclohexane	9.462	83	127627	18.624	ug/l	93
40) Benzene	8.461	78	364922	19.475	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	63354	20.323	ug/l	93
42) 1,2-Dichloroethane	8.531	62	140580	20.202	ug/l	97
43) Isopropyl Acetate	8.563	43	205382	19.250	ug/l	95
44) Trichloroethene	9.218	130	92247	19.398	ug/l	91
45) 1,2-Dichloropropane	9.491	63	94689	19.959	ug/l	99
46) Dibromomethane	9.580	93	67389	20.019	ug/l	95
47) Bromodichloromethane	9.765	83	128314	19.498	ug/l	100
48) Methyl methacrylate	9.564	41	90402	19.157	ug/l	92
49) 1,4-Dioxane	9.574	88	33349	375.934	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	662962	101.144	ug/l	96
52) Toluene	10.508	92	242802	19.781	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	133286	18.148	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	142483	19.469	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	96495	20.514	ug/l	96
56) Ethyl methacrylate	10.765	69	144587	19.952	ug/l	92
57) 1,3-Dichloropropane	11.047	76	160396	19.885	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	149519	89.118	ug/l	92
59) 2-Hexanone	11.090	43	462763	101.146	ug/l	96
60) Dibromochloromethane	11.240	129	91401	17.443	ug/l	98
61) 1,2-Dibromoethane	11.347	107	96833	20.163	ug/l	99
64) Tetrachloroethene	10.980	164	90340	19.846	ug/l	96
65) Chlorobenzene	11.773	112	257328	19.429	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	92910	19.943	ug/l	99
67) Ethyl Benzene	11.846	91	466314	19.340	ug/l	96
68) m/p-Xylenes	11.956	106	354796	38.905	ug/l	87
69) o-Xylene	12.283	106	172115	19.196	ug/l	90
70) Styrene	12.296	104	283734	19.782	ug/l	93
71) Bromoform	12.460	173	57814	16.277	ug/l #	98
73) Isopropylbenzene	12.581	105	447347	19.713	ug/l	97
74) N-amyl acetate	12.390	43	163125	19.814	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	136753	20.764	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	123268m	21.461	ug/l	
77) Bromobenzene	12.862	156	100625	20.035	ug/l	79
78) n-propylbenzene	12.924	91	510391	19.886	ug/l	97
79) 2-Chlorotoluene	13.010	91	310166	20.003	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	369961	20.121	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.626	75	32624	18.313	ug/l	99
82) 4-Chlorotoluene	13.109	91	307552	20.044	ug/l	93
83) tert-Butylbenzene	13.326	119	310921	19.828	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	360956	20.035	ug/l	94
85) sec-Butylbenzene	13.503	105	432539	19.931	ug/l	98
86) p-Isopropyltoluene	13.619	119	351465	20.069	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	187544	20.128	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	183569	19.243	ug/l	97
89) n-Butylbenzene	13.946	91	292319	19.460	ug/l	98
90) Hexachloroethane	14.211	117	56732	19.505	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	178801	19.880	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.606	75	22556	19.719	ug/l	74
93) 1,2,4-Trichlorobenzene	15.265	180	72859	17.393	ug/l	97
94) Hexachlorobutadiene	15.370	225	37176	19.671	ug/l	97
95) Naphthalene	15.509	128	197764	16.508	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	67707	16.915	ug/l	99

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

