

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071921\
 Data File : VN067796.D
 Acq On : 19 Jul 2021 16:23
 Operator : JC/MD
 Sample : VN0719WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/20/2021 5:39:36 PM

Quant Time: Jul 20 04:52:45 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	357547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	665058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	631466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	277002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	278261	51.495	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.000%			
35) Dibromofluoromethane	8.024	113	202520	50.402	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.800%			
50) Toluene-d8	10.443	98	816312	48.536	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.080%			
62) 4-Bromofluorobenzene	12.734	95	279265	47.004	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	57217	18.827	ug/l	99
3) Chloromethane	2.301	50	80646	16.754	ug/l	99
4) Vinyl Chloride	2.443	62	135379	18.636	ug/l	96
5) Bromomethane	2.850	94	112139	19.730	ug/l	96
6) Chloroethane	3.017	64	105057	19.093	ug/l	99
7) Trichlorofluoromethane	3.371	101	249081	20.584	ug/l	100
8) Diethyl Ether	3.816	74	53231	18.407	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.197	101	68281	20.606	ug/l	96
10) Methyl Iodide	4.414	142	76138	19.288	ug/l	91
11) Tert butyl alcohol	5.385	59	70651	90.986	ug/l #	89
12) 1,1-Dichloroethene	4.173	96	65355	20.557	ug/l	87
13) Acrolein	4.041	56	43689	113.141	ug/l	97
14) Allyl chloride	4.835	41	110512	18.910	ug/l	94
15) Acrylonitrile	5.562	53	197450	102.521	ug/l	99
16) Acetone	4.288	43	167397	98.451	ug/l	95
17) Carbon Disulfide	4.521	76	158866	18.040	ug/l	95
18) Methyl Acetate	4.859	43	96364	20.178	ug/l	95
19) Methyl tert-butyl Ether	5.621	73	257546	19.549	ug/l	99
20) Methylene Chloride	5.095	84	84940	20.996	ug/l	90
21) trans-1,2-Dichloroethene	5.594	96	71656	19.064	ug/l	90
22) Diisopropyl ether	6.503	45	254148	19.164	ug/l	96
23) Vinyl Acetate	6.436	43	1063432	93.796	ug/l	96
24) 1,1-Dichloroethane	6.391	63	145706	19.709	ug/l	100
25) 2-Butanone	7.340	43	275323	97.514	ug/l	95
26) 2,2-Dichloropropane	7.329	77	122273	18.925	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	90774	19.298	ug/l	87
28) Bromochloromethane	7.659	49	70111	19.435	ug/l	85
29) Tetrahydrofuran	7.691	42	182921	98.518	ug/l	93
30) Chloroform	7.820	83	162720	19.595	ug/l	99
31) Cyclohexane	8.096	56	132792	17.526	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	143476	19.925	ug/l	98
36) 1,1-Dichloropropene	8.222	75	115077	18.628	ug/l	97
37) Ethyl Acetate	7.418	43	113066	18.889	ug/l	99
38) Carbon Tetrachloride	8.206	117	115179	18.901	ug/l	99
39) Methylcyclohexane	9.462	83	121990	18.038	ug/l	92
40) Benzene	8.461	78	346254	18.725	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	55138	17.923	ug/l	92
42) 1,2-Dichloroethane	8.534	62	134057	19.521	ug/l	98
43) Isopropyl Acetate	8.566	43	203757	19.352	ug/l	97
44) Trichloroethene	9.217	130	89756	19.125	ug/l	88
45) 1,2-Dichloropropane	9.494	63	89607	19.139	ug/l	99
46) Dibromomethane	9.580	93	64237	19.336	ug/l	96
47) Bromodichloromethane	9.765	83	126187	19.430	ug/l	100
48) Methyl methacrylate	9.561	41	84430	18.130	ug/l	91
49) 1,4-Dioxane	9.574	88	32250	369.025	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	629854	97.371	ug/l	97
52) Toluene	10.508	92	226196	18.673	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	125314	17.372	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	136641	18.919	ug/l	95
55) 1,1,2-Trichloroethane	10.902	97	90406	19.475	ug/l	97
56) Ethyl methacrylate	10.765	69	134135	18.755	ug/l	94
57) 1,3-Dichloropropane	11.047	76	149965	18.839	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	137091	84.004	ug/l	94
59) 2-Hexanone	11.089	43	428474	94.896	ug/l	95
60) Dibromochloromethane	11.240	129	88822	17.212	ug/l	98
61) 1,2-Dibromoethane	11.350	107	91076	19.217	ug/l	99
64) Tetrachloroethene	10.980	164	87046	19.528	ug/l	96
65) Chlorobenzene	11.773	112	242460	18.695	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	88717	19.447	ug/l	100
67) Ethyl Benzene	11.848	91	445259	18.859	ug/l	97
68) m/p-Xylenes	11.956	106	331292	37.099	ug/l	89
69) o-Xylene	12.283	106	163379	18.609	ug/l	90
70) Styrene	12.296	104	265523	18.906	ug/l	93
71) Bromoform	12.460	173	55208	15.952	ug/l #	98
73) Isopropylbenzene	12.581	105	423714	18.958	ug/l	98
74) N-amyl acetate	12.390	43	146923	18.120	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	128626	19.830	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	101539m	17.950	ug/l	
77) Bromobenzene	12.862	156	93608	18.924	ug/l	80
78) n-propylbenzene	12.924	91	488273	19.316	ug/l	97
79) 2-Chlorotoluene	13.010	91	293680	19.230	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	354786	19.591	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	31309	17.844	ug/l	97
82) 4-Chlorotoluene	13.106	91	291291	19.275	ug/l	94
83) tert-Butylbenzene	13.326	119	297529	19.265	ug/l	89
84) 1,2,4-Trimethylbenzene	13.372	105	346449	19.525	ug/l	94
85) sec-Butylbenzene	13.503	105	413397	19.341	ug/l	96
86) p-Isopropyltoluene	13.619	119	329420	19.099	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	173138	18.867	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	172163	18.324	ug/l	97
89) n-Butylbenzene	13.946	91	271607	18.359	ug/l	98
90) Hexachloroethane	14.211	117	55682	19.438	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	166748	18.824	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	21241	18.855	ug/l	74
93) 1,2,4-Trichlorobenzene	15.265	180	69488	16.928	ug/l	96
94) Hexachlorobutadiene	15.373	225	34565	18.570	ug/l	98
95) Naphthalene	15.509	128	182089	15.629	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	65175	16.592	ug/l	99

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

