

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072021\
 Data File : VN067825.D
 Acq On : 20 Jul 2021 18:25
 Operator : JC/MD
 Sample : VN0720WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/21/2021 5:53:01 PM

Quant Time: Jul 21 05:10:38 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	350065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	662730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	618217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	275710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	278317	52.606	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.220%			
35) Dibromofluoromethane	8.024	113	203417	50.803	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.600%			
50) Toluene-d8	10.443	98	818630	48.844	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.680%			
62) 4-Bromofluorobenzene	12.733	95	286420	48.377	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	57922	19.467	ug/l	97
3) Chloromethane	2.301	50	79068	16.778	ug/l	97
4) Vinyl Chloride	2.443	62	130549	18.355	ug/l	100
5) Bromomethane	2.856	94	107233	19.144	ug/l	99
6) Chloroethane	3.017	64	103027	19.127	ug/l	96
7) Trichlorofluoromethane	3.371	101	243848	20.582	ug/l	99
8) Diethyl Ether	3.821	74	45942	16.226	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.202	101	67568	20.827	ug/l	96
10) Methyl Iodide	4.417	142	74556	19.291	ug/l	91
11) Tert butyl alcohol	5.385	59	73783	97.051	ug/l #	89
12) 1,1-Dichloroethene	4.175	96	63532	20.411	ug/l	86
13) Acrolein	4.044	56	37192	97.823	ug/l	99
14) Allyl chloride	4.838	41	108653	18.989	ug/l	94
15) Acrylonitrile	5.557	53	197096	104.524	ug/l	99
16) Acetone	4.293	43	167023	100.331	ug/l	96
17) Carbon Disulfide	4.524	76	151457	17.566	ug/l	99
18) Methyl Acetate	4.859	43	102596	21.942	ug/l	95
19) Methyl tert-butyl Ether	5.618	73	255872	19.837	ug/l	99
20) Methylene Chloride	5.090	84	82864	20.918	ug/l	92
21) trans-1,2-Dichloroethene	5.594	96	71997	19.564	ug/l	89
22) Diisopropyl ether	6.503	45	254770	19.622	ug/l	98
23) Vinyl Acetate	6.439	43	1076425	96.971	ug/l	96
24) 1,1-Dichloroethane	6.388	63	144690	19.990	ug/l	99
25) 2-Butanone	7.343	43	271882	98.354	ug/l	95
26) 2,2-Dichloropropane	7.327	77	115392	18.242	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	90864	19.730	ug/l	85
28) Bromochloromethane	7.659	49	65241	18.471	ug/l #	83
29) Tetrahydrofuran	7.689	42	180258	99.159	ug/l	94
30) Chloroform	7.817	83	161435	19.856	ug/l	97
31) Cyclohexane	8.094	56	128255	17.289	ug/l	87
32) 1,1,1-Trichloroethane	8.016	97	141452	20.064	ug/l	98
36) 1,1-Dichloropropene	8.222	75	108541	17.631	ug/l	95
37) Ethyl Acetate	7.415	43	112699	18.894	ug/l	99
38) Carbon Tetrachloride	8.204	117	115331	18.993	ug/l	99
39) Methylcyclohexane	9.459	83	119810	17.778	ug/l	93
40) Benzene	8.461	78	346384	18.797	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	57348	18.707	ug/l	95
42) 1,2-Dichloroethane	8.531	62	132629	19.381	ug/l	97
43) Isopropyl Acetate	8.566	43	205940	19.628	ug/l	98
44) Trichloroethene	9.217	130	86929	18.588	ug/l	87
45) 1,2-Dichloropropane	9.491	63	87775	18.814	ug/l	97
46) Dibromomethane	9.579	93	64157	19.380	ug/l	97
47) Bromodichloromethane	9.762	83	123396	19.067	ug/l	97
48) Methyl methacrylate	9.561	41	85060	18.329	ug/l	89
49) 1,4-Dioxane	9.571	88	30810	355.113	ug/l	86
51) 4-Methyl-2-Pentanone	10.333	43	627173	97.297	ug/l	97
52) Toluene	10.507	92	229750	19.033	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	127164	17.658	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	135524	18.830	ug/l	93
55) 1,1,2-Trichloroethane	10.899	97	91111	19.696	ug/l	97
56) Ethyl methacrylate	10.762	69	136523	19.156	ug/l	93
57) 1,3-Dichloropropane	11.047	76	151249	19.068	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	156836	93.922	ug/l	96
59) 2-Hexanone	11.089	43	442278	98.298	ug/l	95
60) Dibromochloromethane	11.240	129	90324	17.516	ug/l	99
61) 1,2-Dibromoethane	11.347	107	92565	19.600	ug/l	100
64) Tetrachloroethene	10.979	164	67298	15.422	ug/l	97
65) Chlorobenzene	11.771	112	243016	19.139	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	90589	20.283	ug/l	97
67) Ethyl Benzene	11.848	91	438148	18.955	ug/l	96
68) m/p-Xylenes	11.956	106	333165	38.109	ug/l	87
69) o-Xylene	12.283	106	163449	19.016	ug/l	88
70) Styrene	12.296	104	269710	19.616	ug/l	93
71) Bromoform	12.460	173	55861	16.380	ug/l #	99
73) Isopropylbenzene	12.581	105	421767	18.960	ug/l	98
74) N-amyl acetate	12.390	43	156839	19.434	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	137194	21.250	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	119215m	21.173	ug/l	
77) Bromobenzene	12.862	156	93587	19.008	ug/l	79
78) n-propylbenzene	12.924	91	478120	19.003	ug/l	97
79) 2-Chlorotoluene	13.010	91	293185	19.288	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	352544	19.559	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	32244	18.463	ug/l	98
82) 4-Chlorotoluene	13.109	91	292218	19.427	ug/l	94
83) tert-Butylbenzene	13.326	119	298362	19.410	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	343325	19.439	ug/l	93
85) sec-Butylbenzene	13.503	105	408703	19.211	ug/l	99
86) p-Isopropyltoluene	13.619	119	327490	19.076	ug/l	95
87) 1,3-Dichlorobenzene	13.619	146	175056	19.166	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	171395	18.328	ug/l	97
89) n-Butylbenzene	13.946	91	274659	18.652	ug/l	98
90) Hexachloroethane	14.214	117	55676	19.527	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	167646	19.014	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	22793	20.327	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	69643	17.027	ug/l	98
94) Hexachlorobutadiene	15.373	225	34533	18.640	ug/l	99
95) Naphthalene	15.507	128	189876	16.230	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	65671	16.764	ug/l	99

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

