

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072121\
 Data File : VN067832.D
 Acq On : 21 Jul 2021 12:27
 Operator : JC/MD
 Sample : VN0721WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/22/2021 6:03:11 PM

Quant Time: Jul 21 15:09:35 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	358637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	665621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	619314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	280694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	275029	50.742	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.480%			
35) Dibromofluoromethane	8.024	113	199066	49.500	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.000%			
50) Toluene-d8	10.443	98	816229	48.490	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.980%			
62) 4-Bromofluorobenzene	12.734	95	282194	47.456	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	57305	18.799	ug/l	98
3) Chloromethane	2.301	50	75712	15.681	ug/l	99
4) Vinyl Chloride	2.443	62	127800	17.539	ug/l	99
5) Bromomethane	2.856	94	106754	18.449	ug/l	96
6) Chloroethane	3.019	64	100990	18.237	ug/l	97
7) Trichlorofluoromethane	3.374	101	248749	20.479	ug/l	98
8) Diethyl Ether	3.827	74	44775	15.436	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.202	101	70721	21.277	ug/l	94
10) Methyl Iodide	4.417	142	73476	18.557	ug/l	93
11) Tert butyl alcohol	5.388	59	70458	90.462	ug/l #	85
12) 1,1-Dichloroethene	4.178	96	63932	20.048	ug/l	89
13) Acrolein	4.041	56	34627	88.515	ug/l	98
14) Allyl chloride	4.841	41	107719	18.376	ug/l	94
15) Acrylonitrile	5.557	53	191458	99.107	ug/l	99
16) Acetone	4.288	43	167872	98.431	ug/l	94
17) Carbon Disulfide	4.524	76	155343	17.586	ug/l	97
18) Methyl Acetate	4.862	43	97988	20.455	ug/l	94
19) Methyl tert-butyl Ether	5.621	73	257653	19.498	ug/l	100
20) Methylene Chloride	5.090	84	83978	20.685	ug/l	92
21) trans-1,2-Dichloroethene	5.594	96	71697	19.016	ug/l	88
22) Diisopropyl ether	6.501	45	252512	18.983	ug/l	98
23) Vinyl Acetate	6.436	43	1052680m	92.565	ug/l	
24) 1,1-Dichloroethane	6.385	63	142670	19.240	ug/l	99
25) 2-Butanone	7.340	43	267638	94.504	ug/l	94
26) 2,2-Dichloropropane	7.327	77	123040	18.986	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	90700	19.224	ug/l	86
28) Bromochloromethane	7.659	49	64337	17.780	ug/l #	81
29) Tetrahydrofuran	7.691	42	174339	93.611	ug/l	93
30) Chloroform	7.820	83	160118	19.223	ug/l	99
31) Cyclohexane	8.096	56	132513	17.436	ug/l	93
32) 1,1,1-Trichloroethane	8.013	97	142032	19.665	ug/l	98
36) 1,1-Dichloropropene	8.223	75	112918	18.263	ug/l	97
37) Ethyl Acetate	7.418	43	111832	18.667	ug/l	98
38) Carbon Tetrachloride	8.206	117	114240	18.731	ug/l	95
39) Methylcyclohexane	9.462	83	124733	18.428	ug/l	91
40) Benzene	8.461	78	344633	18.621	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	54978	17.856	ug/l	93
42) 1,2-Dichloroethane	8.534	62	129721	18.874	ug/l	97
43) Isopropyl Acetate	8.563	43	193752	18.386	ug/l	97
44) Trichloroethene	9.218	130	89155	18.981	ug/l	86
45) 1,2-Dichloropropane	9.494	63	88023	18.785	ug/l	99
46) Dibromomethane	9.580	93	63163	18.997	ug/l	95
47) Bromodichloromethane	9.765	83	124710	19.186	ug/l	97
48) Methyl methacrylate	9.561	41	82825	17.770	ug/l	89
49) 1,4-Dioxane	9.572	88	28471	329.297	ug/l	90
51) 4-Methyl-2-Pentanone	10.333	43	599216	92.556	ug/l	95
52) Toluene	10.508	92	226689	18.698	ug/l	96
53) t-1,3-Dichloropropene	10.722	75	126916	17.558	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	137222	18.983	ug/l	93
55) 1,1,2-Trichloroethane	10.899	97	89499	19.263	ug/l	98
56) Ethyl methacrylate	10.762	69	133408	18.638	ug/l	93
57) 1,3-Dichloropropane	11.047	76	149244	18.733	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	134753	82.806	ug/l	92
59) 2-Hexanone	11.090	43	413792	91.567	ug/l	94
60) Dibromochloromethane	11.242	129	87777	17.025	ug/l	100
61) 1,2-Dibromoethane	11.350	107	90694	19.120	ug/l	98
64) Tetrachloroethene	10.980	164	87249	19.958	ug/l	97
65) Chlorobenzene	11.773	112	240819	18.933	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	87465	19.549	ug/l	99
67) Ethyl Benzene	11.849	91	439021	18.959	ug/l	97
68) m/p-Xylenes	11.956	106	337987	38.592	ug/l	88
69) o-Xylene	12.283	106	164709	19.128	ug/l	86
70) Styrene	12.296	104	266882	19.376	ug/l	94
71) Bromoform	12.460	173	55672	16.312	ug/l #	100
73) Isopropylbenzene	12.581	105	416784	18.403	ug/l	97
74) N-amyl acetate	12.390	43	153270	18.655	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	127154	19.345	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	107403m	18.737	ug/l	
77) Bromobenzene	12.862	156	93795	18.712	ug/l	79
78) n-propylbenzene	12.924	91	491118	19.173	ug/l	97
79) 2-Chlorotoluene	13.010	91	298947	19.318	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	356607	19.433	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.629	75	32196	18.109	ug/l	98
82) 4-Chlorotoluene	13.106	91	297343	19.417	ug/l	93
83) tert-Butylbenzene	13.326	119	292541	18.693	ug/l	89
84) 1,2,4-Trimethylbenzene	13.372	105	347986	19.353	ug/l	94
85) sec-Butylbenzene	13.503	105	411629	19.005	ug/l	97
86) p-Isopropyltoluene	13.619	119	336307	19.242	ug/l	95
87) 1,3-Dichlorobenzene	13.619	146	177637	19.103	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	176456	18.534	ug/l	96
89) n-Butylbenzene	13.946	91	289633	19.320	ug/l	98
90) Hexachloroethane	14.214	117	55412	19.089	ug/l	94
91) 1,2-Dichlorobenzene	13.991	146	170956	19.046	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.606	75	22054	19.319	ug/l	80
93) 1,2,4-Trichlorobenzene	15.268	180	69839	16.811	ug/l	98
94) Hexachlorobutadiene	15.373	225	36597	19.403	ug/l	99
95) Naphthalene	15.509	128	186597	15.772	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	66596	16.709	ug/l	97

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

