

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082621\
 Data File : VN068318.D
 Acq On : 26 Aug 2021 14:07
 Operator : JC/MD
 Sample : VN0826WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

Manual Integrations
 APPROVED

SAM
 8/27/2021 1:34:19 PM

Quant Time: Aug 27 05:52:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	578618	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	858914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	824221	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	444186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	311968	50.496	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.000%			
35) Dibromofluoromethane	8.024	113	282712	52.427	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.860%			
50) Toluene-d8	10.443	98	1057801	51.481	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.960%			
62) 4-Bromofluorobenzene	12.734	95	368627	53.892	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.780%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	79546	17.350	ug/l	98
3) Chloromethane	2.306	50	85532	16.512	ug/l	98
4) Vinyl Chloride	2.446	62	141385	17.419	ug/l	97
5) Bromomethane	2.867	94	135926	19.326	ug/l	94
6) Chloroethane	3.025	64	106635	19.220	ug/l	100
7) Trichlorofluoromethane	3.373	101	313374	19.640	ug/l	99
8) Diethyl Ether	3.819	74	83079	22.447	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.205	101	96697	19.821	ug/l #	85
10) Methyl Iodide	4.417	142	105306	15.180	ug/l	89
11) Tert butyl alcohol	5.393	59	72321	93.869	ug/l	98
12) 1,1-Dichloroethene	4.178	96	86037	18.342	ug/l #	80
13) Acrolein	4.041	56	24794	40.843	ug/l	97
14) Allyl chloride	4.838	41	112146	18.704	ug/l #	91
15) Acrylonitrile	5.559	53	201946	93.035	ug/l	98
16) Acetone	4.293	43	160843	89.169	ug/l #	85
17) Carbon Disulfide	4.521	76	217324	17.922	ug/l	97
18) Methyl Acetate	4.859	43	95122	18.635	ug/l #	85
19) Methyl tert-butyl Ether	5.621	73	301739	19.953	ug/l	93
20) Methylene Chloride	5.093	84	105389	19.836	ug/l #	81
21) trans-1,2-Dichloroethene	5.594	96	99944	19.031	ug/l #	78
22) Diisopropyl ether	6.501	45	257254	19.640	ug/l #	92
23) Vinyl Acetate	6.439	43	963952m	94.546	ug/l	
24) 1,1-Dichloroethane	6.388	63	166281	19.000	ug/l	96
25) 2-Butanone	7.343	43	253546	90.195	ug/l #	84
26) 2,2-Dichloropropane	7.329	77	152900	20.391	ug/l	91
27) cis-1,2-Dichloroethene	7.327	96	117565	18.697	ug/l	77
28) Bromochloromethane	7.659	49	76056	19.764	ug/l #	41
29) Tetrahydrofuran	7.689	42	169271	94.155	ug/l #	81
30) Chloroform	7.820	83	204590	19.625	ug/l	99
31) Cyclohexane	8.094	56	149683	18.394	ug/l #	79
32) 1,1,1-Trichloroethane	8.016	97	188843	20.312	ug/l	94
36) 1,1-Dichloropropene	8.222	75	138982	19.794	ug/l	90
37) Ethyl Acetate	7.418	43	113752	19.017	ug/l	97
38) Carbon Tetrachloride	8.206	117	170499	21.054	ug/l	95
39) Methylcyclohexane	9.462	83	173631	21.896	ug/l #	85
40) Benzene	8.461	78	422064	19.695	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	51440	18.836	ug/l #	84
42) 1,2-Dichloroethane	8.534	62	147627	20.224	ug/l	92
43) Isopropyl Acetate	8.566	43	190842	19.918	ug/l #	90
44) Trichloroethene	9.217	130	132981	20.635	ug/l	73
45) 1,2-Dichloropropane	9.491	63	102253	20.286	ug/l	98
46) Dibromomethane	9.580	93	82697	20.112	ug/l #	79
47) Bromodichloromethane	9.765	83	159733	20.904	ug/l #	95
48) Methyl methacrylate	9.561	41	87377	21.883	ug/l #	86
49) 1,4-Dioxane	9.574	88	37280	386.278	ug/l #	77
51) 4-Methyl-2-Pentanone	10.333	43	577348	98.093	ug/l	90
52) Toluene	10.508	92	294369	20.149	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	157060	20.927	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	167925	20.651	ug/l #	84
55) 1,1,2-Trichloroethane	10.902	97	118774	20.344	ug/l	93
56) Ethyl methacrylate	10.765	69	147904	19.727	ug/l #	83
57) 1,3-Dichloropropane	11.047	76	176752	19.656	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	115687	85.324	ug/l #	84
59) 2-Hexanone	11.087	43	391417	95.775	ug/l	87
60) Dibromochloromethane	11.240	129	138349	21.005	ug/l	100
61) 1,2-Dibromoethane	11.347	107	124011	20.481	ug/l	100
64) Tetrachloroethene	10.980	164	138743	21.769	ug/l	88
65) Chlorobenzene	11.773	112	339792	20.135	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	136022	21.368	ug/l	98
67) Ethyl Benzene	11.849	91	566328	20.345	ug/l	94
68) m/p-Xylenes	11.956	106	471905	42.379	ug/l	77
69) o-Xylene	12.283	106	221925	20.626	ug/l	81
70) Styrene	12.296	104	358612	20.823	ug/l #	90
71) Bromoform	12.460	173	108386	21.231	ug/l #	100
73) Isopropylbenzene	12.581	105	584748	18.510	ug/l	94
74) N-amyl acetate	12.390	43	138693	16.860	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.827	83	164081	17.319	ug/l	97
76) 1,2,3-Trichloropropane	12.884	75	125934m	17.058	ug/l	
77) Bromobenzene	12.862	156	160943	18.492	ug/l	52
78) n-propylbenzene	12.924	91	647178	19.098	ug/l	91
79) 2-Chlorotoluene	13.010	91	385312	18.385	ug/l	82
80) 1,3,5-Trimethylbenzene	13.061	105	496866	19.442	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.629	75	40142	17.813	ug/l	87
82) 4-Chlorotoluene	13.109	91	381395	18.749	ug/l	84
83) tert-Butylbenzene	13.326	119	447692	19.728	ug/l	82
84) 1,2,4-Trimethylbenzene	13.369	105	485258	19.451	ug/l	90
85) sec-Butylbenzene	13.503	105	607457	20.329	ug/l	92
86) p-Isopropyltoluene	13.619	119	520057	21.085	ug/l	90
87) 1,3-Dichlorobenzene	13.619	146	293155	19.754	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	289954	19.286	ug/l	92
89) n-Butylbenzene	13.943	91	378626	20.578	ug/l	95
90) Hexachloroethane	14.211	117	91480	19.989	ug/l	77
91) 1,2-Dichlorobenzene	13.991	146	272731	19.302	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.606	75	26572	18.517	ug/l #	37
93) 1,2,4-Trichlorobenzene	15.265	180	134532	19.866	ug/l	98
94) Hexachlorobutadiene	15.370	225	82636	21.595	ug/l	99
95) Naphthalene	15.507	128	303662	19.595	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	127948	19.989	ug/l	96

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

