

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082721\
 Data File : VN068337.D
 Acq On : 27 Aug 2021 11:46
 Operator : JC/MD
 Sample : VN0827WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/30/2021 9:41:35 AM

Quant Time: Aug 28 01:25:59 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	614269	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	962543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	944481	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	497823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	352328	53.719	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.440%			
35) Dibromofluoromethane	8.024	113	322794	53.415	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.840%			
50) Toluene-d8	10.443	98	1229467	53.394	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.780%			
62) 4-Bromofluorobenzene	12.733	95	430713	56.190	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	89603	18.409	ug/l	100
3) Chloromethane	2.303	50	101220	18.407	ug/l	99
4) Vinyl Chloride	2.443	62	168304	19.533	ug/l	97
5) Bromomethane	2.858	94	156612	21.256	ug/l	98
6) Chloroethane	3.019	64	121740	21.017	ug/l	94
7) Trichlorofluoromethane	3.373	101	348633	20.581	ug/l	99
8) Diethyl Ether	3.821	74	112892	28.732	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.202	101	108720	20.992	ug/l #	84
10) Methyl Iodide	4.419	142	109549	14.875	ug/l	89
11) Tert butyl alcohol	5.393	59	84486	103.294	ug/l #	87
12) 1,1-Dichloroethene	4.175	96	100445	20.171	ug/l #	72
13) Acrolein	4.041	56	38466	64.308	ug/l	99
14) Allyl chloride	4.838	41	130204	20.455	ug/l #	92
15) Acrylonitrile	5.562	53	244874	106.265	ug/l	99
16) Acetone	4.291	43	221624	115.734	ug/l #	89
17) Carbon Disulfide	4.521	76	246052	19.113	ug/l	97
18) Methyl Acetate	4.859	43	114079	21.501	ug/l #	84
19) Methyl tert-butyl Ether	5.621	73	348881	21.731	ug/l	98
20) Methylene Chloride	5.092	84	125565	22.534	ug/l #	79
21) trans-1,2-Dichloroethene	5.594	96	115115	20.648	ug/l #	80
22) Diisopropyl ether	6.500	45	302969	21.788	ug/l #	94
23) Vinyl Acetate	6.436	43	1136935	105.040	ug/l #	89
24) 1,1-Dichloroethane	6.388	63	191795	20.644	ug/l	96
25) 2-Butanone	7.340	43	324108	108.604	ug/l #	84
26) 2,2-Dichloropropane	7.329	77	182111	22.877	ug/l	90
27) cis-1,2-Dichloroethene	7.327	96	137279	20.565	ug/l	76
28) Bromochloromethane	7.659	49	90415	22.131	ug/l #	42
29) Tetrahydrofuran	7.691	42	199120	104.330	ug/l #	77
30) Chloroform	7.820	83	231567	20.923	ug/l	97
31) Cyclohexane	8.096	56	171610	19.865	ug/l #	80
32) 1,1,1-Trichloroethane	8.016	97	217401	22.027	ug/l	94
36) 1,1-Dichloropropene	8.222	75	159494	20.270	ug/l	91
37) Ethyl Acetate	7.418	43	129158	19.268	ug/l	94
38) Carbon Tetrachloride	8.206	117	193378	21.308	ug/l	96
39) Methylcyclohexane	9.461	83	197909	22.270	ug/l	85
40) Benzene	8.461	78	498236	20.746	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	67231	21.968	ug/l #	84
42) 1,2-Dichloroethane	8.531	62	171157	20.923	ug/l	92
43) Isopropyl Acetate	8.566	43	219466	20.439	ug/l #	89
44) Trichloroethene	9.217	130	151808	21.020	ug/l	77
45) 1,2-Dichloropropane	9.494	63	119502	21.155	ug/l	97
46) Dibromomethane	9.579	93	96075	20.850	ug/l #	78
47) Bromodichloromethane	9.762	83	185944	21.715	ug/l	99
48) Methyl methacrylate	9.563	41	94512	21.122	ug/l #	81
49) 1,4-Dioxane	9.571	88	43198	399.408	ug/l #	80
51) 4-Methyl-2-Pentanone	10.333	43	697083	105.685	ug/l	89
52) Toluene	10.507	92	352097	21.506	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	190295	22.625	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	197407	21.663	ug/l #	83
55) 1,1,2-Trichloroethane	10.899	97	142819	21.829	ug/l	92
56) Ethyl methacrylate	10.765	69	178587	21.255	ug/l #	80
57) 1,3-Dichloropropane	11.046	76	208412	20.682	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	149834	95.713	ug/l #	83
59) 2-Hexanone	11.089	43	490546	107.108	ug/l	87
60) Dibromochloromethane	11.240	129	166353	22.538	ug/l	100
61) 1,2-Dibromoethane	11.349	107	146952	21.657	ug/l	99
64) Tetrachloroethene	10.982	164	149753	20.505	ug/l	88
65) Chlorobenzene	11.773	112	395952	20.475	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.843	131	157468	21.587	ug/l	97
67) Ethyl Benzene	11.848	91	660721	20.714	ug/l	92
68) m/p-Xylenes	11.956	106	544609	42.680	ug/l	79
69) o-Xylene	12.283	106	264172	21.427	ug/l	79
70) Styrene	12.296	104	430638	21.822	ug/l #	90
71) Bromoform	12.462	173	131193	22.426	ug/l #	100
73) Isopropylbenzene	12.580	105	676378	19.104	ug/l	94
74) N-amyl acetate	12.390	43	166533	18.063	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.830	83	198070	18.654	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	140366m	16.964	ug/l	
77) Bromobenzene	12.862	156	190938	19.575	ug/l	53
78) n-propylbenzene	12.921	91	750442	19.759	ug/l	89
79) 2-Chlorotoluene	13.010	91	444434	18.922	ug/l	81
80) 1,3,5-Trimethylbenzene	13.061	105	578972	20.214	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.629	75	48272	19.113	ug/l	88
82) 4-Chlorotoluene	13.106	91	445234	19.529	ug/l	85
83) tert-Butylbenzene	13.326	119	511475	20.110	ug/l	83
84) 1,2,4-Trimethylbenzene	13.369	105	567578	20.299	ug/l	90
85) sec-Butylbenzene	13.503	105	701565	20.949	ug/l	92
86) p-Isopropyltoluene	13.618	119	598200	21.640	ug/l	89
87) 1,3-Dichlorobenzene	13.618	146	339469	20.410	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	335879	19.933	ug/l	92
89) n-Butylbenzene	13.946	91	444065	21.534	ug/l	95
90) Hexachloroethane	14.211	117	105906	20.648	ug/l	71
91) 1,2-Dichlorobenzene	13.991	146	317348	20.040	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	31305	19.464	ug/l #	35
93) 1,2,4-Trichlorobenzene	15.268	180	153774	20.207	ug/l	97
94) Hexachlorobutadiene	15.372	225	91787	21.402	ug/l	99
95) Naphthalene	15.509	128	347999	19.961	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	146814	20.398	ug/l	97

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

