

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082321\
 Data File : VN068263.D
 Acq On : 23 Aug 2021 12:32
 Operator : JC/MD
 Sample : VN0823WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0823WBS01

Manual Integrations
 APPROVED

SAM
 8/24/2021 11:23:18 AM

Quant Time: Aug 24 03:53:10 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	615115	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	923102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	866627	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	425303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	323677	49.283	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.560%		
35) Dibromofluoromethane	8.024	113	292821	50.526	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.060%		
50) Toluene-d8	10.443	98	1119281	50.686	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.380%		
62) 4-Bromofluorobenzene	12.734	95	373461	50.802	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	92422	18.962	ug/l	100
3) Chloromethane	2.303	50	98757	17.934	ug/l	99
4) Vinyl Chloride	2.443	62	156269	18.111	ug/l	96
5) Bromomethane	2.853	94	149942	20.178	ug/l	98
6) Chloroethane	3.017	64	113985	19.351	ug/l	95
7) Trichlorofluoromethane	3.371	101	314704	18.553	ug/l	99
8) Diethyl Ether	3.819	74	83123	21.126	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.202	101	103076	19.875	ug/l #	85
10) Methyl Iodide	4.417	142	141544	19.193	ug/l #	87
11) Tert butyl alcohol	5.388	59	81830	99.909	ug/l	100
12) 1,1-Dichloroethene	4.178	96	90931	18.235	ug/l #	73
13) Acrolein	4.041	56	35854	59.166	ug/l	94
14) Allyl chloride	4.835	41	120813	18.954	ug/l #	93
15) Acrylonitrile	5.559	53	229177	99.316	ug/l	98
16) Acetone	4.291	43	206905	107.899	ug/l #	86
17) Carbon Disulfide	4.524	76	227434	17.643	ug/l	100
18) Methyl Acetate	4.862	43	108970	20.350	ug/l #	86
19) Methyl tert-butyl Ether	5.624	73	320173	19.915	ug/l	95
20) Methylene Chloride	5.095	84	119697	21.344	ug/l #	77
21) trans-1,2-Dichloroethene	5.597	96	103318	18.507	ug/l #	78
22) Diisopropyl ether	6.503	45	273276	19.626	ug/l #	91
23) Vinyl Acetate	6.436	43	1062503	98.029	ug/l #	88
24) 1,1-Dichloroethane	6.388	63	176222	18.942	ug/l	96
25) 2-Butanone	7.340	43	299021	100.060	ug/l #	83
26) 2,2-Dichloropropane	7.327	77	161990	20.321	ug/l	90
27) cis-1,2-Dichloroethene	7.327	96	123788	18.518	ug/l	76
28) Bromochloromethane	7.659	49	81586	19.943	ug/l #	43
29) Tetrahydrofuran	7.689	42	189596	99.203	ug/l #	79
30) Chloroform	7.820	83	209379	18.893	ug/l	96
31) Cyclohexane	8.094	56	161142	18.628	ug/l #	82
32) 1,1,1-Trichloroethane	8.016	97	192179	19.445	ug/l	95
36) 1,1-Dichloropropene	8.223	75	142360	18.866	ug/l	89
37) Ethyl Acetate	7.418	43	120070	18.678	ug/l #	94
38) Carbon Tetrachloride	8.206	117	170692	19.612	ug/l	99
39) Methylcyclohexane	9.462	83	182151	21.373	ug/l #	85
40) Benzene	8.461	78	453422	19.687	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	62420	21.267	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	155738	19.851	ug/l	92
43) Isopropyl Acetate	8.566	43	207916	20.191	ug/l #	89
44) Trichloroethene	9.218	130	137725	19.885	ug/l	74
45) 1,2-Dichloropropane	9.494	63	107371	19.820	ug/l	98
46) Dibromomethane	9.580	93	87178	19.727	ug/l #	79
47) Bromodichloromethane	9.765	83	164244	20.000	ug/l #	98
48) Methyl methacrylate	9.563	41	92035	21.447	ug/l #	85
49) 1,4-Dioxane	9.574	88	40561	391.050	ug/l #	81
51) 4-Methyl-2-Pentanone	10.333	43	658534	104.107	ug/l	92
52) Toluene	10.508	92	313443	19.963	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	166423	20.633	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	176744	20.224	ug/l #	83
55) 1,1,2-Trichloroethane	10.902	97	127586	20.334	ug/l	95
56) Ethyl methacrylate	10.765	69	162446	20.160	ug/l #	82
57) 1,3-Dichloropropane	11.049	76	191129	19.777	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	117542	81.680	ug/l #	83
59) 2-Hexanone	11.090	43	459353	104.583	ug/l	88
60) Dibromochloromethane	11.242	129	145589	20.567	ug/l	99
61) 1,2-Dibromoethane	11.350	107	132793	20.407	ug/l	99
64) Tetrachloroethene	10.980	164	137121	20.462	ug/l #	86
65) Chlorobenzene	11.773	112	352326	19.856	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.846	131	141701	21.171	ug/l	99
67) Ethyl Benzene	11.849	91	590475	20.174	ug/l	94
68) m/p-Xylenes	11.956	106	484552	41.385	ug/l	79
69) o-Xylene	12.283	106	232500	20.552	ug/l	81
70) Styrene	12.299	104	373265	20.614	ug/l #	90
71) Bromoform	12.460	173	111581	20.787	ug/l #	99
73) Isopropylbenzene	12.583	105	593930	19.636	ug/l	94
74) N-amyl acetate	12.390	43	150036	19.049	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	172543	19.020	ug/l	97
76) 1,2,3-Trichloropropane	12.884	75	146355m	20.704	ug/l	
77) Bromobenzene	12.865	156	163170	19.581	ug/l	55
78) n-propylbenzene	12.924	91	650074	20.035	ug/l	90
79) 2-Chlorotoluene	13.010	91	391958	19.533	ug/l	83
80) 1,3,5-Trimethylbenzene	13.063	105	503292	20.568	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.629	75	44706	20.719	ug/l	88
82) 4-Chlorotoluene	13.109	91	386852	19.862	ug/l	84
83) tert-Butylbenzene	13.326	119	452531	20.826	ug/l	82
84) 1,2,4-Trimethylbenzene	13.372	105	492338	20.611	ug/l	89
85) sec-Butylbenzene	13.506	105	599424	20.951	ug/l	92
86) p-Isopropyltoluene	13.619	119	510369	21.611	ug/l	90
87) 1,3-Dichlorobenzene	13.619	146	288202	20.282	ug/l	92
88) 1,4-Dichlorobenzene	13.699	146	286617	19.910	ug/l	92
89) n-Butylbenzene	13.946	91	359204	20.389	ug/l	96
90) Hexachloroethane	14.211	117	89655	20.460	ug/l	70
91) 1,2-Dichlorobenzene	13.991	146	277913	20.542	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.606	75	27472	19.994	ug/l #	34
93) 1,2,4-Trichlorobenzene	15.268	180	126482	19.555	ug/l	96
94) Hexachlorobutadiene	15.373	225	78104	21.316	ug/l	98
95) Naphthalene	15.509	128	280120	19.001	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	120005	19.638	ug/l	97

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

