

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072821\
 Data File : VN067949.D
 Acq On : 28 Jul 2021 13:32
 Operator : JC/MD
 Sample : VN0728WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2021 4:13:13 PM

Quant Time: Jul 29 02:49:45 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	363018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	653626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	601439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	268839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	280068	51.048	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.100%			
35) Dibromofluoromethane	8.021	113	215122	54.474	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.940%			
50) Toluene-d8	10.443	98	825111	49.917	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.840%			
62) 4-Bromofluorobenzene	12.734	95	284894	48.790	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	55306	17.924	ug/l	99
3) Chloromethane	2.301	50	76110	15.574	ug/l	99
4) Vinyl Chloride	2.443	62	121865	16.523	ug/l	98
5) Bromomethane	2.845	94	110298	18.944	ug/l	94
6) Chloroethane	3.011	64	99427	17.701	ug/l	97
7) Trichlorofluoromethane	3.368	101	242531	19.594	ug/l	97
8) Diethyl Ether	3.816	74	46546	15.853	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.202	101	74613	22.177	ug/l	97
10) Methyl Iodide	4.414	142	76618	19.117	ug/l	92
11) Tert butyl alcohol	5.388	59	71814	91.090	ug/l	99
12) 1,1-Dichloroethene	4.175	96	66434	20.581	ug/l	86
13) Acrolein	4.039	56	23811	58.778	ug/l	98
14) Allyl chloride	4.838	41	111445	18.782	ug/l	93
15) Acrylonitrile	5.557	53	198007	101.260	ug/l	99
16) Acetone	4.285	43	174375	101.010	ug/l	93
17) Carbon Disulfide	4.521	76	151399	16.933	ug/l	99
18) Methyl Acetate	4.857	43	101587	20.951	ug/l	95
19) Methyl tert-butyl Ether	5.618	73	265248	19.830	ug/l	97
20) Methylene Chloride	5.093	84	86589	21.084	ug/l	86
21) trans-1,2-Dichloroethene	5.594	96	73941	19.375	ug/l	89
22) Diisopropyl ether	6.495	45	264171	19.620	ug/l	97
23) Vinyl Acetate	6.434	43	1082581	94.046	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	149579	19.928	ug/l	99
25) 2-Butanone	7.340	43	272302	94.991	ug/l	93
26) 2,2-Dichloropropane	7.327	77	131518	20.050	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	95325	19.960	ug/l	86
28) Bromochloromethane	7.657	49	71670	19.567	ug/l #	81
29) Tetrahydrofuran	7.689	42	178319	94.592	ug/l	93
30) Chloroform	7.818	83	166709	19.773	ug/l	98
31) Cyclohexane	8.094	56	131005	17.030	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	145669	19.925	ug/l	98
36) 1,1-Dichloropropene	8.223	75	115215	18.976	ug/l	96
37) Ethyl Acetate	7.413	43	111259	18.912	ug/l	98
38) Carbon Tetrachloride	8.204	117	120903	20.188	ug/l	98
39) Methylcyclohexane	9.462	83	124509	18.732	ug/l	93
40) Benzene	8.461	78	351497	19.341	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	55665	18.411	ug/l	92
42) 1,2-Dichloroethane	8.531	62	132065	19.567	ug/l	96
43) Isopropyl Acetate	8.563	43	198031	19.137	ug/l	98
44) Trichloroethene	9.218	130	90806	19.688	ug/l	92
45) 1,2-Dichloropropane	9.491	63	90587	19.687	ug/l	99
46) Dibromomethane	9.580	93	64948	19.892	ug/l	95
47) Bromodichloromethane	9.762	83	127338	19.950	ug/l	96
48) Methyl methacrylate	9.563	41	83980	18.349	ug/l	89
49) 1,4-Dioxane	9.572	88	31375	365.617	ug/l	90
51) 4-Methyl-2-Pentanone	10.333	43	609631	95.893	ug/l	96
52) Toluene	10.508	92	228951	19.231	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	130317	18.280	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	140591	19.806	ug/l	91
55) 1,1,2-Trichloroethane	10.902	97	90822	19.907	ug/l	98
56) Ethyl methacrylate	10.762	69	134200	19.093	ug/l	94
57) 1,3-Dichloropropane	11.047	76	151053	19.308	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	144505	88.862	ug/l	92
59) 2-Hexanone	11.087	43	426474	96.105	ug/l	95
60) Dibromochloromethane	11.240	129	91230	17.882	ug/l	99
61) 1,2-Dibromoethane	11.347	107	92284	19.812	ug/l	99
64) Tetrachloroethene	10.977	164	85088	20.042	ug/l	94
65) Chlorobenzene	11.773	112	245709	19.891	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	88575	20.385	ug/l	98
67) Ethyl Benzene	11.849	91	442437	19.675	ug/l	97
68) m/p-Xylenes	11.953	106	343080	40.338	ug/l	84
69) o-Xylene	12.283	106	165935	19.843	ug/l	87
70) Styrene	12.296	104	271527	20.299	ug/l	93
71) Bromoform	12.460	173	56921	17.006	ug/l #	99
73) Isopropylbenzene	12.581	105	422152	19.462	ug/l	97
74) N-amyl acetate	12.390	43	149670	19.020	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	131412	20.875	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	115494m	21.037	ug/l	
77) Bromobenzene	12.862	156	96589	20.119	ug/l	77
78) n-propylbenzene	12.924	91	485437	19.787	ug/l	97
79) 2-Chlorotoluene	13.010	91	289983	19.565	ug/l	90
80) 1,3,5-Trimethylbenzene	13.063	105	348656	19.838	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	33322	19.568	ug/l	98
82) 4-Chlorotoluene	13.109	91	293108	19.985	ug/l	92
83) tert-Butylbenzene	13.326	119	294318	19.636	ug/l	88
84) 1,2,4-Trimethylbenzene	13.372	105	341741	19.844	ug/l	95
85) sec-Butylbenzene	13.506	105	411956	19.859	ug/l	97
86) p-Isopropyltoluene	13.619	119	332017	19.834	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	176604	19.829	ug/l	96
88) 1,4-Dichlorobenzene	13.699	146	179132	19.645	ug/l	96
89) n-Butylbenzene	13.946	91	270379	18.831	ug/l	98
90) Hexachloroethane	14.214	117	55571	19.988	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	171489	19.947	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	22137	20.246	ug/l	81
93) 1,2,4-Trichlorobenzene	15.265	180	71322	17.748	ug/l	98
94) Hexachlorobutadiene	15.373	225	36764	20.351	ug/l	99
95) Naphthalene	15.509	128	196374	17.032	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	69822	18.041	ug/l	96

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

