

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071923\
 Data File : VN078574.D
 Acq On : 19 Jul 2023 12:25
 Operator : JC\MD
 Sample : VN0719WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01

Quant Time: Jul 20 01:30:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/20/2023
 Supervised By : Mahesh Dadoda 07/20/2023

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	445459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	769527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	670391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	265040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	315862	52.892	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.780%			
35) Dibromofluoromethane	8.177	113	272925	52.247	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.500%			
50) Toluene-d8	10.571	98	994833	50.412	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.820%			
62) 4-Bromofluorobenzene	12.853	95	300833	49.492	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.980%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	92856	17.002	ug/l	99
3) Chloromethane	2.371	50	114750	19.330	ug/l	98
4) Vinyl Chloride	2.518	62	140426	18.287	ug/l	98
5) Bromomethane	2.959	94	101648	17.717	ug/l	97
6) Chloroethane	3.124	64	88461	17.806	ug/l	98
7) Trichlorofluoromethane	3.501	101	169087	18.420	ug/l	94
8) Diethyl Ether	3.971	74	58705	19.195	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.389	101	95156	19.582	ug/l	99
10) Methyl Iodide	4.595	142	122929	18.410	ug/l	97
11) Tert butyl alcohol	5.536	59	88013	95.575	ug/l	99
12) 1,1-Dichloroethene	4.353	96	88169	18.758	ug/l	93
13) Acrolein	4.195	56	86388	95.349	ug/l	96
14) Allyl chloride	5.030	41	112130	17.458	ug/l	93
15) Acrylonitrile	5.724	53	228719	98.302	ug/l	100
16) Acetone	4.442	43	178734	96.082	ug/l	98
17) Carbon Disulfide	4.724	76	208220	15.319	ug/l #	94
18) Methyl Acetate	5.042	43	157890	20.050	ug/l #	88
19) Methyl tert-butyl Ether	5.806	73	300049	19.374	ug/l	94
20) Methylene Chloride	5.289	84	109664	19.814	ug/l #	88
21) trans-1,2-Dichloroethene	5.800	96	93833	17.715	ug/l	90
22) Diisopropyl ether	6.683	45	293181	20.386	ug/l #	94
23) Vinyl Acetate	6.612	43	884966	96.792	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	187564	19.355	ug/l	99
25) 2-Butanone	7.489	43	280955	95.946	ug/l	89
26) 2,2-Dichloropropane	7.494	77	152623	19.256	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	115528	18.854	ug/l	90
28) Bromochloromethane	7.824	49	99229	21.740	ug/l	94
29) Tetrahydrofuran	7.847	42	175724	91.455	ug/l	89
30) Chloroform	7.977	83	206426	20.460	ug/l	95
31) Cyclohexane	8.259	56	138592	17.172	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	176738	19.539	ug/l	98
36) 1,1-Dichloropropene	8.377	75	135648	17.984	ug/l	98
37) Ethyl Acetate	7.571	43	119378	18.986	ug/l	97
38) Carbon Tetrachloride	8.371	117	157743	19.242	ug/l	97
39) Methylcyclohexane	9.606	83	125639	18.248	ug/l	91
40) Benzene	8.618	78	431809	19.324	ug/l	99

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41) Methacrylonitrile	7.788	41	67323	21.003	ug/l	90
42) 1,2-Dichloroethane	8.677	62	152011	20.000	ug/l	99
43) Isopropyl Acetate	8.700	43	213937	20.666	ug/l #	94
44) Trichloroethene	9.359	130	110700	18.381	ug/l	98
45) 1,2-Dichloropropane	9.630	63	116042	20.504	ug/l	100
46) Dibromomethane	9.718	93	79920	20.063	ug/l	91
47) Bromodichloromethane	9.894	83	162755	20.383	ug/l	98
48) Methyl methacrylate	9.688	41	94543	19.713	ug/l	88
49) 1,4-Dioxane	9.700	88	37182	355.501	ug/l #	86
51) 4-Methyl-2-Pentanone	10.453	43	622566	101.108	ug/l	93
52) Toluene	10.635	92	268525	19.389	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	173669	21.230	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	176846	20.281	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	113840	20.863	ug/l	95
56) Ethyl methacrylate	10.882	69	164675	21.589	ug/l #	91
57) 1,3-Dichloropropane	11.165	76	186559	20.108	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	256313	94.291	ug/l	93
59) 2-Hexanone	11.200	43	433317	99.018	ug/l	90
60) Dibromochloromethane	11.365	129	126080	20.930	ug/l	99
61) 1,2-Dibromoethane	11.476	107	112476	20.010	ug/l	97
64) Tetrachloroethene	11.106	164	88825	17.623	ug/l	98
65) Chlorobenzene	11.900	112	286812	19.140	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	114721	19.901	ug/l	95
67) Ethyl Benzene	11.971	91	490595	19.369	ug/l	99
68) m/p-Xylenes	12.076	106	378458	40.412	ug/l	100
69) o-Xylene	12.400	106	184517	19.507	ug/l	98
70) Styrene	12.418	104	294181	19.879	ug/l	98
71) Bromoform	12.582	173	77919	19.958	ug/l #	97
73) Isopropylbenzene	12.700	105	463747	18.621	ug/l	100
74) N-amyl acetate	12.500	43	155106	18.072	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	157960	20.907	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	123620m	19.297	ug/l	
77) Bromobenzene	12.982	156	111356	19.622	ug/l	97
78) n-propylbenzene	13.041	91	510279	19.159	ug/l	100
79) 2-Chlorotoluene	13.129	91	322352	18.478	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	382918	19.460	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	42222	17.319	ug/l	93
82) 4-Chlorotoluene	13.223	91	307015	18.865	ug/l	99
83) tert-Butylbenzene	13.441	119	318493	19.064	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	365958	19.147	ug/l	100
85) sec-Butylbenzene	13.623	105	401459	19.012	ug/l	100
86) p-Isopropyltoluene	13.735	119	321962	18.988	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	185087	19.359	ug/l	95
88) 1,4-Dichlorobenzene	13.818	146	176968	18.377	ug/l	99
89) n-Butylbenzene	14.059	91	237483	19.575	ug/l	95
90) Hexachloroethane	14.335	117	65940	20.680	ug/l	86
91) 1,2-Dichlorobenzene	14.112	146	181985	19.127	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25081	19.880	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	48124	15.848	ug/l	98
94) Hexachlorobutadiene	15.500	225	32636	18.138	ug/l	99
95) Naphthalene	15.647	128	138658	13.357	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	54789	15.692	ug/l	95

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

