

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078608.D
 Acq On : 21 Jul 2023 12:58
 Operator : JC\MD
 Sample : VN0721WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS02

Quant Time: Jul 21 23:21:09 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 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	446882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	762096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	687792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	261159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	314868	52.557	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.120%			
35) Dibromofluoromethane	8.177	113	274514	53.063	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.120%			
50) Toluene-d8	10.571	98	976976	49.990	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.980%			
62) 4-Bromofluorobenzene	12.853	95	303121	50.354	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	89504	16.336	ug/l	98
3) Chloromethane	2.371	50	110703	18.589	ug/l	100
4) Vinyl Chloride	2.518	62	137169	17.806	ug/l	99
5) Bromomethane	2.959	94	98188	16.855	ug/l	99
6) Chloroethane	3.124	64	88124	17.668	ug/l	100
7) Trichlorofluoromethane	3.501	101	162967	17.697	ug/l	100
8) Diethyl Ether	3.977	74	61466	20.034	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	92361	18.947	ug/l	96
10) Methyl Iodide	4.595	142	117964	17.610	ug/l	97
11) Tert butyl alcohol	5.536	59	98017	106.100	ug/l	100
12) 1,1-Dichloroethene	4.353	96	84964	18.018	ug/l	92
13) Acrolein	4.189	56	101723	111.917	ug/l	95
14) Allyl chloride	5.030	41	126576	19.644	ug/l	95
15) Acrylonitrile	5.730	53	239996	102.820	ug/l	99
16) Acetone	4.442	43	182833	97.972	ug/l	94
17) Carbon Disulfide	4.724	76	206195	15.122	ug/l	100
18) Methyl Acetate	5.042	43	164932	20.878	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	310872	20.009	ug/l	99
20) Methylene Chloride	5.283	84	109381	19.693	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	96817	18.220	ug/l	90
22) Diisopropyl ether	6.677	45	301998	20.932	ug/l #	93
23) Vinyl Acetate	6.618	43	906669	98.850	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	189893	19.533	ug/l	98
25) 2-Butanone	7.494	43	304100	103.519	ug/l	88
26) 2,2-Dichloropropane	7.494	77	144417	18.163	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	120210	19.556	ug/l	97
28) Bromochloromethane	7.818	49	96659	21.109	ug/l	93
29) Tetrahydrofuran	7.847	42	191090	99.135	ug/l	85
30) Chloroform	7.971	83	206404	20.393	ug/l	96
31) Cyclohexane	8.259	56	141339	17.457	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	177285	19.537	ug/l	99
36) 1,1-Dichloropropene	8.383	75	137038	18.346	ug/l	96
37) Ethyl Acetate	7.571	43	126995	20.394	ug/l #	92
38) Carbon Tetrachloride	8.371	117	154283	19.004	ug/l	97
39) Methylcyclohexane	9.606	83	126417	18.541	ug/l	90
40) Benzene	8.612	78	438842	19.830	ug/l	97

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41) Methacrylonitrile	7.789	41	63943	20.143	ug/l	92
42) 1,2-Dichloroethane	8.677	62	154603	20.539	ug/l	100
43) Isopropyl Acetate	8.700	43	213871	20.861	ug/l #	93
44) Trichloroethene	9.359	130	115359	19.341	ug/l	93
45) 1,2-Dichloropropane	9.630	63	112275	20.031	ug/l	99
46) Dibromomethane	9.718	93	82528	20.920	ug/l	93
47) Bromodichloromethane	9.894	83	163518	20.678	ug/l	98
48) Methyl methacrylate	9.688	41	99409	20.930	ug/l	85
49) 1,4-Dioxane	9.700	88	43726	422.146	ug/l #	86
51) 4-Methyl-2-Pentanone	10.453	43	653046	107.092	ug/l	94
52) Toluene	10.635	92	271839	19.820	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	166247	20.521	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	181983	21.074	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	114046	21.104	ug/l	99
56) Ethyl methacrylate	10.882	69	161485	21.377	ug/l	92
57) 1,3-Dichloropropane	11.171	76	190142	20.694	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	266091	98.843	ug/l	92
59) 2-Hexanone	11.200	43	457750	105.621	ug/l	92
60) Dibromochloromethane	11.365	129	126528	21.209	ug/l	99
61) 1,2-Dibromoethane	11.477	107	117636	21.132	ug/l	95
64) Tetrachloroethene	11.112	164	99926	19.324	ug/l	98
65) Chlorobenzene	11.894	112	293937	19.119	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	114032	19.281	ug/l	97
67) Ethyl Benzene	11.971	91	497377	19.140	ug/l	98
68) m/p-Xylenes	12.076	106	378752	39.420	ug/l	99
69) o-Xylene	12.406	106	187955	19.367	ug/l	99
70) Styrene	12.418	104	298473	19.659	ug/l	98
71) Bromoform	12.582	173	78582	19.619	ug/l #	96
73) Isopropylbenzene	12.700	105	462496	18.847	ug/l	99
74) N-amyl acetate	12.500	43	159684	18.882	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	161641	21.839	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	127583m	20.211	ug/l	
77) Bromobenzene	12.982	156	110705	19.812	ug/l	98
78) n-propylbenzene	13.041	91	511973	19.508	ug/l	99
79) 2-Chlorotoluene	13.129	91	327768	19.067	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	374604	19.320	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	43564	18.135	ug/l #	82
82) 4-Chlorotoluene	13.223	91	300753	18.755	ug/l	97
83) tert-Butylbenzene	13.441	119	323293	19.639	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	364155	19.336	ug/l	98
85) sec-Butylbenzene	13.623	105	395940	19.029	ug/l	99
86) p-Isopropyltoluene	13.735	119	319505	19.123	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	181241	19.239	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	181777	19.157	ug/l	98
89) n-Butylbenzene	14.059	91	230172	19.254	ug/l	98
90) Hexachloroethane	14.335	117	63493	20.189	ug/l	83
91) 1,2-Dichlorobenzene	14.112	146	180617	19.265	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23966	19.218	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	49019	16.383	ug/l	99
94) Hexachlorobutadiene	15.506	225	33553	19.120	ug/l	99
95) Naphthalene	15.647	128	141738	13.856	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	57082	16.591	ug/l	97

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

