

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072023\
 Data File : VN078587.D
 Acq On : 20 Jul 2023 11:57
 Operator : JC\MD
 Sample : VN0720WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBS01

Quant Time: Jul 21 06:08:56 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 07/21/2023
 Supervised By : Mahesh Dadoda 07/21/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	448765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	777957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	699916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	265399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	305907	50.847	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.700%			
35) Dibromofluoromethane	8.177	113	274041	51.892	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.780%			
50) Toluene-d8	10.571	98	976387	48.941	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.880%			
62) 4-Bromofluorobenzene	12.853	95	295879	48.149	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	94336	17.145	ug/l	97
3) Chloromethane	2.371	50	110727	18.515	ug/l	100
4) Vinyl Chloride	2.518	62	138247	17.870	ug/l	97
5) Bromomethane	2.959	94	110461	19.546	ug/l	97
6) Chloroethane	3.124	64	95196	19.157	ug/l	98
7) Trichlorofluoromethane	3.506	101	172715	18.677	ug/l	92
8) Diethyl Ether	3.971	74	55868	18.133	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.383	101	97067	19.829	ug/l	97
10) Methyl Iodide	4.600	142	122839	18.261	ug/l	96
11) Tert butyl alcohol	5.536	59	89293	96.251	ug/l	99
12) 1,1-Dichloroethene	4.353	96	90028	19.012	ug/l	96
13) Acrolein	4.195	56	86023	94.247	ug/l	93
14) Allyl chloride	5.030	41	119721	18.503	ug/l	92
15) Acrylonitrile	5.736	53	227201	96.930	ug/l	98
16) Acetone	4.442	43	188730	100.708	ug/l	94
17) Carbon Disulfide	4.724	76	215328	15.726	ug/l	96
18) Methyl Acetate	5.036	43	160154	20.188	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	303657	19.463	ug/l	94
20) Methylene Chloride	5.289	84	111061	19.925	ug/l	97
21) trans-1,2-Dichloroethene	5.794	96	98631	18.484	ug/l	95
22) Diisopropyl ether	6.683	45	298631	20.612	ug/l #	91
23) Vinyl Acetate	6.612	43	883431	95.913	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	194335	19.906	ug/l	97
25) 2-Butanone	7.488	43	291395	98.778	ug/l #	83
26) 2,2-Dichloropropane	7.500	77	162765	20.384	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	117228	18.991	ug/l	90
28) Bromochloromethane	7.818	49	98450	21.410	ug/l	90
29) Tetrahydrofuran	7.847	42	187575	96.904	ug/l #	85
30) Chloroform	7.977	83	211545	20.813	ug/l	94
31) Cyclohexane	8.265	56	144892	17.821	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	179738	19.724	ug/l	98
36) 1,1-Dichloropropene	8.377	75	145175	19.039	ug/l	97
37) Ethyl Acetate	7.571	43	124133	19.528	ug/l #	94
38) Carbon Tetrachloride	8.371	117	158688	19.148	ug/l	97
39) Methylcyclohexane	9.612	83	131136	18.840	ug/l	90
40) Benzene	8.612	78	449321	19.890	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	65088	20.086	ug/l	92
42) 1,2-Dichloroethane	8.682	62	154947	20.165	ug/l	98
43) Isopropyl Acetate	8.694	43	219054	20.931	ug/l	93
44) Trichloroethene	9.359	130	111731	18.351	ug/l	99
45) 1,2-Dichloropropane	9.629	63	117658	20.564	ug/l	95
46) Dibromomethane	9.718	93	81552	20.251	ug/l	93
47) Bromodichloromethane	9.894	83	164134	20.333	ug/l	100
48) Methyl methacrylate	9.688	41	95180	19.631	ug/l	90
49) 1,4-Dioxane	9.700	88	36894	348.925	ug/l #	88
51) 4-Methyl-2-Pentanone	10.453	43	632549	101.616	ug/l	92
52) Toluene	10.635	92	281472	20.104	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	162926	19.701	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	179489	20.361	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	116107	21.048	ug/l	96
56) Ethyl methacrylate	10.882	69	150063	19.460	ug/l	90
57) 1,3-Dichloropropane	11.171	76	188463	20.093	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	242060	88.083	ug/l	93
59) 2-Hexanone	11.200	43	435698	98.483	ug/l	90
60) Dibromochloromethane	11.365	129	127659	20.962	ug/l	100
61) 1,2-Dibromoethane	11.476	107	114034	20.067	ug/l	97
64) Tetrachloroethene	11.112	164	95699	18.186	ug/l	97
65) Chlorobenzene	11.900	112	289683	18.516	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	117617	19.542	ug/l	97
67) Ethyl Benzene	11.970	91	502563	19.004	ug/l	100
68) m/p-Xylenes	12.076	106	388246	39.708	ug/l	100
69) o-Xylene	12.406	106	187206	18.956	ug/l	96
70) Styrene	12.418	104	297889	19.281	ug/l	97
71) Bromoform	12.582	173	81097	19.896	ug/l #	98
73) Isopropylbenzene	12.700	105	470542	18.868	ug/l	98
74) N-amyl acetate	12.500	43	157172	18.288	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	159072	21.044	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	122203m	19.050	ug/l	
77) Bromobenzene	12.988	156	111884	19.694	ug/l	98
78) n-propylbenzene	13.041	91	518548	19.443	ug/l	100
79) 2-Chlorotoluene	13.129	91	334165	19.129	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	375064	19.035	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	45027	18.445	ug/l #	84
82) 4-Chlorotoluene	13.229	91	306328	18.797	ug/l	97
83) tert-Butylbenzene	13.441	119	323199	19.320	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	362789	18.955	ug/l	96
85) sec-Butylbenzene	13.617	105	407180	19.256	ug/l	100
86) p-Isopropyltoluene	13.735	119	325341	19.161	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	181857	18.996	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	176939	18.349	ug/l	99
89) n-Butylbenzene	14.059	91	229256	18.871	ug/l	96
90) Hexachloroethane	14.335	117	66734	20.909	ug/l	83
91) 1,2-Dichlorobenzene	14.112	146	179703	18.862	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	23405	18.391	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	44619	14.674	ug/l	95
94) Hexachlorobutadiene	15.506	225	34444	19.360	ug/l	98
95) Naphthalene	15.647	128	125415	12.065	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	54269	15.522	ug/l	96

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

