

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012723\
 Data File : VN076431.D
 Acq On : 27 Jan 2023 11:06
 Operator : JC\MD
 Sample : VN0127WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

Quant Time: Jan 27 22:34:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/30/2023
 Supervised By :Mahesh Dadoda 01/30/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	351002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	576268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	515246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	240922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	220318	56.059	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.120%			
35) Dibromofluoromethane	8.177	113	191551	53.138	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.280%			
50) Toluene-d8	10.571	98	696296	52.302	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.600%			
62) 4-Bromofluorobenzene	12.853	95	240248	55.280	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	65216	18.131	ug/l	95
3) Chloromethane	2.371	50	79284	21.289	ug/l	97
4) Vinyl Chloride	2.530	62	105376	23.076	ug/l	99
5) Bromomethane	2.965	94	79012	21.129	ug/l	100
6) Chloroethane	3.136	64	74963	21.892	ug/l	99
7) Trichlorofluoromethane	3.512	101	144923	23.068	ug/l	96
8) Diethyl Ether	3.977	74	47998	22.778	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	75595	21.256	ug/l	96
10) Methyl Iodide	4.606	142	105709	19.459	ug/l	97
11) Tert butyl alcohol	5.541	59	44791	85.206	ug/l #	87
12) 1,1-Dichloroethene	4.359	96	65898	19.601	ug/l	88
13) Acrolein	4.194	56	75971	120.846	ug/l	97
14) Allyl chloride	5.042	41	84696	21.618	ug/l	94
15) Acrylonitrile	5.736	53	145956	97.570	ug/l	100
16) Acetone	4.442	43	159265	126.377	ug/l	99
17) Carbon Disulfide	4.724	76	149170	17.820	ug/l	97
18) Methyl Acetate	5.042	43	90554	21.208	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	209976	19.185	ug/l	99
20) Methylene Chloride	5.283	84	78332	20.658	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	64427	17.689	ug/l	98
22) Diisopropyl ether	6.688	45	191698	20.748	ug/l	98
23) Vinyl Acetate	6.618	43	598020	100.149	ug/l	98
24) 1,1-Dichloroethane	6.583	63	122264	19.852	ug/l	98
25) 2-Butanone	7.494	43	194576	101.120	ug/l	96
26) 2,2-Dichloropropane	7.500	77	102394	19.727	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	82431	19.405	ug/l	98
28) Bromochloromethane	7.824	49	52159	20.895	ug/l	96
29) Tetrahydrofuran	7.847	42	116563	98.151	ug/l	98
30) Chloroform	7.971	83	138102	20.266	ug/l	98
31) Cyclohexane	8.265	56	110625	18.324	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	123291	19.816	ug/l	93
36) 1,1-Dichloropropene	8.377	75	93608	18.274	ug/l	99
37) Ethyl Acetate	7.571	43	73736	17.970	ug/l	98
38) Carbon Tetrachloride	8.371	117	108805	19.048	ug/l	100
39) Methylcyclohexane	9.606	83	110277	17.629	ug/l	99
40) Benzene	8.612	78	291959	19.062	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	43567	20.252	ug/l	98
42) 1,2-Dichloroethane	8.677	62	106851	20.389	ug/l	97
43) Isopropyl Acetate	8.694	43	125895	18.836	ug/l	98
44) Trichloroethene	9.353	130	77954	17.995	ug/l	94
45) 1,2-Dichloropropane	9.624	63	71666	19.543	ug/l	98
46) Dibromomethane	9.712	93	54105	19.542	ug/l	96
47) Bromodichloromethane	9.894	83	107595	20.036	ug/l	97
48) Methyl methacrylate	9.682	41	60553	19.137	ug/l	97
49) 1,4-Dioxane	9.694	88	25373	380.021	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	393319	100.243	ug/l	97
52) Toluene	10.635	92	193022	18.845	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	102050	19.935	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	113428	19.260	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	77403	19.770	ug/l	97
56) Ethyl methacrylate	10.876	69	102098	20.199	ug/l	98
57) 1,3-Dichloropropane	11.165	76	124601	19.584	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	145208	85.098	ug/l	99
59) 2-Hexanone	11.200	43	286186	100.652	ug/l	97
60) Dibromochloromethane	11.359	129	83639	20.294	ug/l	100
61) 1,2-Dibromoethane	11.470	107	73940	18.920	ug/l	99
64) Tetrachloroethene	11.106	164	78799	16.959	ug/l	94
65) Chlorobenzene	11.894	112	202015	18.548	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	80651	19.902	ug/l	98
67) Ethyl Benzene	11.965	91	357194	19.162	ug/l	99
68) m/p-Xylenes	12.070	106	287552	38.470	ug/l	99
69) o-Xylene	12.400	106	138575	18.878	ug/l	96
70) Styrene	12.412	104	224952	19.193	ug/l	99
71) Bromoform	12.576	173	55763	19.054	ug/l #	99
73) Isopropylbenzene	12.700	105	361461	19.394	ug/l	100
74) N-amyl acetate	12.494	43	104753	19.539	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	104706	19.543	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	93165m	20.671	ug/l	
77) Bromobenzene	12.982	156	84930	19.144	ug/l	94
78) n-propylbenzene	13.035	91	413696	19.672	ug/l	99
79) 2-Chlorotoluene	13.129	91	250883	19.441	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	314414	20.137	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	25966m	17.932	ug/l	
82) 4-Chlorotoluene	13.129	91	250883	19.441	ug/l	99
83) tert-Butylbenzene	13.441	119	271539	19.553	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	311598	19.902	ug/l	97
85) sec-Butylbenzene	13.617	105	380504	19.746	ug/l	100
86) p-Isopropyltoluene	13.729	119	314058	19.820	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	157537	17.933	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	150868	18.119	ug/l	96
89) n-Butylbenzene	14.059	91	237736	18.900	ug/l	99
90) Hexachloroethane	14.335	117	54048	19.763	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	158836	18.154	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18303	19.652	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	69125	17.229	ug/l	98
94) Hexachlorobutadiene	15.500	225	40383	17.393	ug/l	97
95) Naphthalene	15.647	128	195816	16.907	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	67855	17.603	ug/l	98

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

