

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
 Data File : VN075081.D
 Acq On : 31 Oct 2022 12:48
 Operator : JC\MD
 Sample : VN1031WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBS01

Quant Time: Nov 01 06:13:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/01/2022
 Supervised By : Mahesh Dadoda 11/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	101757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	184890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	171114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	74639	54.439	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.880%			
35) Dibromofluoromethane	8.171	113	59700	55.003	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.000%			
50) Toluene-d8	10.571	98	237518	56.404	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.800%			
62) 4-Bromofluorobenzene	12.853	95	82190	55.561	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.120%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	25520	19.279	ug/l	91
3) Chloromethane	2.377	50	27709	19.707	ug/l	97
4) Vinyl Chloride	2.524	62	39345	19.615	ug/l	98
5) Bromomethane	2.948	94	31689	19.063	ug/l	99
6) Chloroethane	3.118	64	27433	19.073	ug/l	93
7) Trichlorofluoromethane	3.506	101	41313	20.162	ug/l	98
8) Diethyl Ether	3.971	74	14475	19.368	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	23430	20.705	ug/l	98
10) Methyl Iodide	4.606	142	32204	19.116	ug/l	99
11) Tert butyl alcohol	5.542	59	29225	91.404	ug/l	100
12) 1,1-Dichloroethene	4.353	96	21236	19.688	ug/l	98
13) Acrolein	4.195	56	26828	102.583	ug/l	99
14) Allyl chloride	5.036	41	32235	20.462	ug/l	97
15) Acrylonitrile	5.736	53	68156	100.909	ug/l	99
16) Acetone	4.442	43	62512	107.679	ug/l	99
17) Carbon Disulfide	4.718	76	50935	18.778	ug/l	96
18) Methyl Acetate	5.036	43	38703	20.410	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	79898	19.929	ug/l	94
20) Methylene Chloride	5.289	84	25726	19.875	ug/l #	87
21) trans-1,2-Dichloroethene	5.800	96	22936	19.421	ug/l	94
22) Diisopropyl ether	6.683	45	68970	19.838	ug/l	93
23) Vinyl Acetate	6.618	43	254528	87.674	ug/l	99
24) 1,1-Dichloroethane	6.577	63	44512	20.244	ug/l	97
25) 2-Butanone	7.494	43	91708	100.433	ug/l	99
26) 2,2-Dichloropropane	7.494	77	41326	20.430	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	27637	19.595	ug/l	97
28) Bromochloromethane	7.818	49	18510	19.970	ug/l	98
29) Tetrahydrofuran	7.847	42	59267	100.443	ug/l	97
30) Chloroform	7.971	83	48649	20.378	ug/l	99
31) Cyclohexane	8.265	56	39698	19.468	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	43781	20.195	ug/l	96
36) 1,1-Dichloropropene	8.377	75	34527	20.547	ug/l	98
37) Ethyl Acetate	7.565	43	37412	20.301	ug/l	97
38) Carbon Tetrachloride	8.365	117	38425	20.788	ug/l	95
39) Methylcyclohexane	9.606	83	43840	19.762	ug/l	96
40) Benzene	8.612	78	104878	20.384	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	18188	20.600	ug/l	98
42) 1,2-Dichloroethane	8.677	62	41644	22.247	ug/l	97
43) Isopropyl Acetate	8.694	43	58938	20.619	ug/l	98
44) Trichloroethene	9.353	130	26680	20.669	ug/l	98
45) 1,2-Dichloropropane	9.630	63	26318	21.494	ug/l	98
46) Dibromomethane	9.712	93	19105	20.027	ug/l	96
47) Bromodichloromethane	9.888	83	37504	20.302	ug/l	92
48) Methyl methacrylate	9.683	41	26206	19.986	ug/l	99
49) 1,4-Dioxane	9.694	88	13834	402.898	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	191376	103.749	ug/l	99
52) Toluene	10.635	92	71389	20.757	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	39898	20.462	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	41739	20.182	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	28549	20.934	ug/l	97
56) Ethyl methacrylate	10.877	69	41287	19.848	ug/l	98
57) 1,3-Dichloropropane	11.165	76	46968	20.681	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	89640	111.465	ug/l	99
59) 2-Hexanone	11.200	43	144482	103.202	ug/l	98
60) Dibromochloromethane	11.359	129	28708	19.953	ug/l	99
61) 1,2-Dibromoethane	11.471	107	27967	20.011	ug/l	99
64) Tetrachloroethene	11.106	164	23483	22.385	ug/l	90
65) Chlorobenzene	11.894	112	73616	20.155	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	27458	20.265	ug/l	98
67) Ethyl Benzene	11.965	91	134393	20.451	ug/l	99
68) m/p-Xylenes	12.071	106	105874	40.154	ug/l	96
69) o-Xylene	12.400	106	52491	20.130	ug/l	99
70) Styrene	12.412	104	84764	20.387	ug/l	98
71) Bromoform	12.582	173	19632	19.353	ug/l #	99
73) Isopropylbenzene	12.700	105	133640	20.432	ug/l	98
74) N-amyl acetate	12.494	43	49957	20.651	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	43633	20.903	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	34371m	19.869	ug/l	
77) Bromobenzene	12.982	156	30192	20.964	ug/l	97
78) n-propylbenzene	13.035	91	160010	21.789	ug/l	98
79) 2-Chlorotoluene	13.129	91	95223	21.220	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	116436	21.194	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	12081	17.927	ug/l	94
82) 4-Chlorotoluene	13.129	91	95223	21.220	ug/l	98
83) tert-Butylbenzene	13.441	119	101387	20.769	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	117026	21.053	ug/l	99
85) sec-Butylbenzene	13.618	105	145809	21.352	ug/l	97
86) p-Isopropyltoluene	13.729	119	118381	20.990	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	58025	20.577	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	58048	20.800	ug/l	97
89) n-Butylbenzene	14.059	91	97847	21.545	ug/l	98
90) Hexachloroethane	14.341	117	20664	19.983	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	58705	20.941	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9375	21.249	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	24740	20.508	ug/l	100
94) Hexachlorobutadiene	15.506	225	11941	20.305	ug/l	97
95) Naphthalene	15.641	128	92105	19.854	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	24252	20.233	ug/l	98

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

