

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112322\
 Data File : VN075396.D
 Acq On : 23 Nov 2022 15:11
 Operator : JC\MD
 Sample : VN1123WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBS02

Quant Time: Nov 24 06:52:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2022
 Supervised By : Mahesh Dadoda 11/28/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	168295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	269036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	45643	50.524	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.040%			
35) Dibromofluoromethane	8.171	113	57033	53.964	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.920%			
50) Toluene-d8	10.571	98	127383	53.514	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.020%			
62) 4-Bromofluorobenzene	12.853	95	96647	55.008	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	25436	19.766	ug/l	97
3) Chloromethane	2.371	50	28384	17.726	ug/l #	88
4) Vinyl Chloride	2.524	62	37505	18.585	ug/l #	87
5) Bromomethane	2.936	94	33891	19.098	ug/l	96
6) Chloroethane	3.112	64	29955	19.589	ug/l	94
7) Trichlorofluoromethane	3.501	101	52425	18.184	ug/l	97
8) Diethyl Ether	3.971	74	21309	21.088	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.383	101	31222	19.617	ug/l	90
10) Methyl Iodide	4.601	142	51392	19.927	ug/l	94
11) Tert butyl alcohol	5.536	59	37880	99.886	ug/l	99
12) 1,1-Dichloroethene	4.354	96	30225	19.394	ug/l #	81
13) Acrolein	4.195	56	30255	91.579	ug/l	98
14) Allyl chloride	5.030	41	34169	16.949	ug/l	93
15) Acrylonitrile	5.730	53	85240	97.970	ug/l	99
16) Acetone	4.442	43	68316	81.074	ug/l	89
17) Carbon Disulfide	4.724	76	69022	17.041	ug/l	98
18) Methyl Acetate	5.036	43	46339	21.064	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	109115	19.764	ug/l	97
20) Methylene Chloride	5.289	84	35417	19.959	ug/l #	86
21) trans-1,2-Dichloroethene	5.800	96	32653	18.384	ug/l	90
22) Diisopropyl ether	6.683	45	87100	18.933	ug/l	99
23) Vinyl Acetate	6.612	43	351778m	96.117	ug/l	
24) 1,1-Dichloroethane	6.577	63	55290	18.724	ug/l #	92
25) 2-Butanone	7.489	43	110290	93.750	ug/l	99
26) 2,2-Dichloropropane	7.500	77	49524	18.046	ug/l	95
27) cis-1,2-Dichloroethene	7.489	96	39954	19.894	ug/l	93
28) Bromochloromethane	7.818	49	22079	18.420	ug/l #	80
29) Tetrahydrofuran	7.847	42	71386	99.759	ug/l	96
30) Chloroform	7.977	83	62676	18.483	ug/l	98
31) Cyclohexane	8.265	56	51920	18.089	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	57883	18.800	ug/l	96
36) 1,1-Dichloropropene	8.383	75	44025	19.102	ug/l	94
37) Ethyl Acetate	7.565	43	42082	20.278	ug/l	98
38) Carbon Tetrachloride	8.365	117	51183	20.216	ug/l	97
39) Methylcyclohexane	9.606	83	57910	20.076	ug/l	95
40) Benzene	8.612	78	140972	19.978	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	20398	19.225	ug/l	92
42) 1,2-Dichloroethane	8.677	62	46794	19.800	ug/l	95
43) Isopropyl Acetate	8.694	43	69050	20.729	ug/l	95
44) Trichloroethene	9.359	130	39210	20.307	ug/l	90
45) 1,2-Dichloropropane	9.630	63	34104	20.281	ug/l	90
46) Dibromomethane	9.712	93	24514	19.273	ug/l #	84
47) Bromodichloromethane	9.888	83	48433	19.663	ug/l	100
48) Methyl methacrylate	9.683	41	32324	20.986	ug/l	95
49) 1,4-Dioxane	9.700	88	19094	436.565	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	226388	106.704	ug/l	97
52) Toluene	10.635	92	93710	20.608	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	50501	20.423	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	54695	20.365	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	37885	20.455	ug/l	95
56) Ethyl methacrylate	10.877	69	54948	21.969	ug/l	96
57) 1,3-Dichloropropane	11.165	76	60900	20.166	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	99178	109.945	ug/l	93
59) 2-Hexanone	11.200	43	170230	106.852	ug/l	97
60) Dibromochloromethane	11.359	129	42410	22.309	ug/l	100
61) 1,2-Dibromoethane	11.471	107	39984	20.800	ug/l	99
64) Tetrachloroethene	11.106	164	36143	19.304	ug/l	95
65) Chlorobenzene	11.894	112	103499	20.441	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	38821	20.543	ug/l	99
67) Ethyl Benzene	11.965	91	179672	20.799	ug/l	96
68) m/p-Xylenes	12.071	106	145720	41.540	ug/l	98
69) o-Xylene	12.400	106	72249	20.729	ug/l	98
70) Styrene	12.412	104	117748	21.415	ug/l	98
71) Bromoform	12.582	173	30990	21.547	ug/l #	97
73) Isopropylbenzene	12.700	105	188427	20.700	ug/l	98
74) N-amyl acetate	12.494	43	60919	21.769	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	57862	20.850	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	50102m	21.268	ug/l	
77) Bromobenzene	12.982	156	46177	20.548	ug/l	85
78) n-propylbenzene	13.035	91	208202	20.495	ug/l	98
79) 2-Chlorotoluene	13.129	91	126076	20.598	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	160213	21.185	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	15365	19.298	ug/l	92
82) 4-Chlorotoluene	13.129	91	126076	20.598	ug/l	97
83) tert-Butylbenzene	13.441	119	141668	20.545	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	161927	21.346	ug/l	98
85) sec-Butylbenzene	13.618	105	197711	21.132	ug/l	99
86) p-Isopropyltoluene	13.729	119	165842	21.068	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	87101	20.456	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	86617	20.026	ug/l	99
89) n-Butylbenzene	14.059	91	135025	20.309	ug/l	97
90) Hexachloroethane	14.335	117	27784	20.460	ug/l	84
91) 1,2-Dichlorobenzene	14.106	146	87371	21.051	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11041	21.002	ug/l	72
93) 1,2,4-Trichlorobenzene	15.394	180	47124	22.156	ug/l	99
94) Hexachlorobutadiene	15.506	225	24503	22.117	ug/l	96
95) Naphthalene	15.641	128	158610	23.704	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	46152	22.078	ug/l	97

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

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