

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110722\
 Data File : VN075186.D
 Acq On : 07 Nov 2022 14:18
 Operator : JC\MD
 Sample : VN1107WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/08/2022
 Supervised By : Mahesh Dadoda 11/08/2022

Quant Time: Nov 08 01:08:57 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	96328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	177495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	162044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	64537	49.724	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.440%		
35) Dibromofluoromethane	8.177	113	53038	50.901	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.800%		
50) Toluene-d8	10.571	98	200297	49.546	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.100%		
62) 4-Bromofluorobenzene	12.847	95	72280	50.898	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	22082	17.622	ug/l	95
3) Chloromethane	2.371	50	22498	16.903	ug/l	100
4) Vinyl Chloride	2.524	62	32664	17.202	ug/l	97
5) Bromomethane	2.912	94	24624	14.683	ug/l	99
6) Chloroethane	3.083	64	25679	18.859	ug/l	100
7) Trichlorofluoromethane	3.477	101	40019	20.631	ug/l	95
8) Diethyl Ether	3.965	74	14440	20.410	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	22702	21.192	ug/l	97
10) Methyl Iodide	4.589	142	30690	19.244	ug/l	99
11) Tert butyl alcohol	5.547	59	28727	94.910	ug/l	99
12) 1,1-Dichloroethene	4.336	96	20634	20.208	ug/l	88
13) Acrolein	4.183	56	17336	70.024	ug/l	97
14) Allyl chloride	5.036	41	28546	19.141	ug/l	97
15) Acrylonitrile	5.730	53	66197	103.533	ug/l	99
16) Acetone	4.448	43	54941	99.972	ug/l	95
17) Carbon Disulfide	4.712	76	43421	16.910	ug/l #	94
18) Methyl Acetate	5.036	43	39784	22.162	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	75501	19.894	ug/l	94
20) Methylene Chloride	5.277	84	25143	20.519	ug/l #	90
21) trans-1,2-Dichloroethene	5.789	96	21479	19.212	ug/l	94
22) Diisopropyl ether	6.683	45	66406	20.177	ug/l	98
23) Vinyl Acetate	6.612	43	257646m	93.749	ug/l	
24) 1,1-Dichloroethane	6.577	63	43176	20.743	ug/l	100
25) 2-Butanone	7.494	43	85510	98.923	ug/l	98
26) 2,2-Dichloropropane	7.489	77	37116	19.383	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	26433	19.798	ug/l	99
28) Bromochloromethane	7.818	49	17515	19.962	ug/l	97
29) Tetrahydrofuran	7.847	42	55047	98.549	ug/l	100
30) Chloroform	7.971	83	45074	19.945	ug/l	95
31) Cyclohexane	8.265	56	34610	17.929	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	41259	20.104	ug/l	99
36) 1,1-Dichloropropene	8.377	75	31659	19.625	ug/l	99
37) Ethyl Acetate	7.571	43	35369	19.992	ug/l	99
38) Carbon Tetrachloride	8.365	117	35794	20.171	ug/l	98
39) Methylcyclohexane	9.606	83	38461	18.060	ug/l	98
40) Benzene	8.612	78	98843	20.011	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	16855	19.886	ug/l	99
42) 1,2-Dichloroethane	8.677	62	36209	20.150	ug/l	99
43) Isopropyl Acetate	8.694	43	52136	18.999	ug/l	98
44) Trichloroethene	9.353	130	24393	19.684	ug/l	93
45) 1,2-Dichloropropane	9.624	63	24659	20.978	ug/l	90
46) Dibromomethane	9.712	93	18736	20.459	ug/l	96
47) Bromodichloromethane	9.888	83	35989	20.293	ug/l	97
48) Methyl methacrylate	9.688	41	23487	18.658	ug/l	98
49) 1,4-Dioxane	9.700	88	13766	417.621	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	180013	101.655	ug/l	99
52) Toluene	10.630	92	65341	19.790	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	35651	19.046	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	38388	19.335	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	26923	20.565	ug/l	97
56) Ethyl methacrylate	10.877	69	38125	19.091	ug/l	99
57) 1,3-Dichloropropane	11.165	76	45301	20.778	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	74030	95.890	ug/l	100
59) 2-Hexanone	11.200	43	134738	100.252	ug/l	99
60) Dibromochloromethane	11.359	129	27313	19.774	ug/l	100
61) 1,2-Dibromoethane	11.471	107	26374	19.658	ug/l	97
64) Tetrachloroethene	11.106	164	21644	21.786	ug/l	93
65) Chlorobenzene	11.894	112	68677	19.855	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	25524	19.893	ug/l	97
67) Ethyl Benzene	11.965	91	122031	19.610	ug/l	98
68) m/p-Xylenes	12.071	106	94835	37.980	ug/l	95
69) o-Xylene	12.400	106	47757	19.340	ug/l	100
70) Styrene	12.412	104	77567	19.700	ug/l	99
71) Bromoform	12.582	173	17977	18.713	ug/l #	98
73) Isopropylbenzene	12.694	105	122873	19.084	ug/l	98
74) N-amyl acetate	12.494	43	46308	19.446	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	40854	19.685	ug/l	94
76) 1,2,3-Trichloropropane	12.994	75	32083m	18.841	ug/l	
77) Bromobenzene	12.982	156	27554	19.436	ug/l	97
78) n-propylbenzene	13.041	91	142308	19.686	ug/l	99
79) 2-Chlorotoluene	13.129	91	88481	20.030	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	108393	20.044	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	13480	20.321	ug/l	94
82) 4-Chlorotoluene	13.129	91	88481	20.030	ug/l	99
83) tert-Butylbenzene	13.441	119	94113	19.585	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	110502	20.196	ug/l	98
85) sec-Butylbenzene	13.618	105	134876	20.064	ug/l	98
86) p-Isopropyltoluene	13.729	119	108053	19.463	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	54111	19.494	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	54472	19.829	ug/l	98
89) n-Butylbenzene	14.059	91	89890	20.107	ug/l	98
90) Hexachloroethane	14.335	117	19945	19.595	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	55685	20.179	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8131	18.722	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	24774	20.863	ug/l	95
94) Hexachlorobutadiene	15.500	225	11582	20.007	ug/l	98
95) Naphthalene	15.641	128	87573	19.177	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	22914	19.421	ug/l	96

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

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