

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110722\
 Data File : VN075187.D
 Acq On : 07 Nov 2022 14:57
 Operator : JC\MD
 Sample : VN1107WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 08 01:09:32 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	94208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	173254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	157540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	76708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	65073	51.265	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.540%			
35) Dibromofluoromethane	8.171	113	52265	51.387	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.780%			
50) Toluene-d8	10.571	98	191948	48.643	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.280%			
62) 4-Bromofluorobenzene	12.847	95	67887	48.975	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	21606	17.630	ug/l	96
3) Chloromethane	2.371	50	21713	16.680	ug/l	99
4) Vinyl Chloride	2.524	62	31117	16.756	ug/l	93
5) Bromomethane	2.912	94	24710	15.206	ug/l	95
6) Chloroethane	3.089	64	23746	17.832	ug/l	96
7) Trichlorofluoromethane	3.483	101	36968	19.487	ug/l	94
8) Diethyl Ether	3.971	74	13480	19.481	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	22415	21.395	ug/l	96
10) Methyl Iodide	4.589	142	29184	18.711	ug/l	98
11) Tert butyl alcohol	5.542	59	28209	95.296	ug/l	96
12) 1,1-Dichloroethene	4.336	96	18624	18.650	ug/l	91
13) Acrolein	4.189	56	17103	70.637	ug/l	99
14) Allyl chloride	5.036	41	28409	19.478	ug/l	95
15) Acrylonitrile	5.736	53	64625	103.349	ug/l	99
16) Acetone	4.448	43	53424	99.399	ug/l	99
17) Carbon Disulfide	4.706	76	41184	16.400	ug/l	96
18) Methyl Acetate	5.042	43	38986	22.206	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	75197	20.260	ug/l	98
20) Methylene Chloride	5.283	84	25742	21.481	ug/l	91
21) trans-1,2-Dichloroethene	5.795	96	19948	18.244	ug/l	96
22) Diisopropyl ether	6.683	45	64754	20.118	ug/l	94
23) Vinyl Acetate	6.612	43	259565m	96.573	ug/l	
24) 1,1-Dichloroethane	6.571	63	40612	19.950	ug/l	100
25) 2-Butanone	7.489	43	83968	99.325	ug/l	97
26) 2,2-Dichloropropane	7.500	77	34521	18.434	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	26194	20.061	ug/l	97
28) Bromochloromethane	7.818	49	16512	19.242	ug/l	98
29) Tetrahydrofuran	7.847	42	53538	98.004	ug/l	99
30) Chloroform	7.971	83	45247	20.472	ug/l	99
31) Cyclohexane	8.265	56	35266	18.680	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	39461	19.661	ug/l	99
36) 1,1-Dichloropropene	8.377	75	29759	18.899	ug/l	99
37) Ethyl Acetate	7.571	43	33580	19.446	ug/l	99
38) Carbon Tetrachloride	8.365	117	33720	19.468	ug/l	95
39) Methylcyclohexane	9.600	83	37930	18.246	ug/l	97
40) Benzene	8.612	78	96858	20.090	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	18094	21.870	ug/l	95
42) 1,2-Dichloroethane	8.671	62	35888	20.460	ug/l	97
43) Isopropyl Acetate	8.694	43	52858	19.733	ug/l	99
44) Trichloroethene	9.359	130	23780	19.659	ug/l	99
45) 1,2-Dichloropropane	9.624	63	23546	20.522	ug/l	97
46) Dibromomethane	9.712	93	18183	20.341	ug/l	99
47) Bromodichloromethane	9.894	83	35401	20.450	ug/l	94
48) Methyl methacrylate	9.683	41	23994	19.528	ug/l	96
49) 1,4-Dioxane	9.706	88	13234	411.309	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	174475	100.939	ug/l	100
52) Toluene	10.635	92	62705	19.456	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	35457	19.406	ug/l	93
54) cis-1,3-Dichloropropene	10.318	75	37811	19.511	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	26870	21.027	ug/l	95
56) Ethyl methacrylate	10.877	69	38081	19.536	ug/l	99
57) 1,3-Dichloropropane	11.165	76	43340	20.365	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	72122	95.705	ug/l	97
59) 2-Hexanone	11.200	43	130780	99.689	ug/l	98
60) Dibromochloromethane	11.359	129	27506	20.401	ug/l	98
61) 1,2-Dibromoethane	11.471	107	26472	20.214	ug/l	98
64) Tetrachloroethene	11.106	164	21965	22.742	ug/l	97
65) Chlorobenzene	11.894	112	67928	20.200	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	24737	19.830	ug/l	98
67) Ethyl Benzene	11.965	91	119357	19.728	ug/l	97
68) m/p-Xylenes	12.077	106	95185	39.210	ug/l	100
69) o-Xylene	12.400	106	46802	19.495	ug/l	99
70) Styrene	12.412	104	74756	19.529	ug/l	98
71) Bromoform	12.582	173	17395	18.625	ug/l #	99
73) Isopropylbenzene	12.700	105	119064	19.334	ug/l	100
74) N-amyl acetate	12.500	43	44122	19.372	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	40826	20.748	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	32289m	19.825	ug/l	
77) Bromobenzene	12.982	156	27561	20.326	ug/l	99
78) n-propylbenzene	13.035	91	137277	19.855	ug/l	98
79) 2-Chlorotoluene	13.129	91	84152	19.918	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	104652	20.233	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	11114	17.517	ug/l	97
82) 4-Chlorotoluene	13.129	91	84152	19.918	ug/l	97
83) tert-Butylbenzene	13.441	119	88486	19.253	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	105176	20.097	ug/l	100
85) sec-Butylbenzene	13.618	105	127732	19.867	ug/l	100
86) p-Isopropyltoluene	13.735	119	105577	19.883	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	53364	20.100	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	52847	20.113	ug/l	98
89) n-Butylbenzene	14.059	91	86944	20.333	ug/l	100
90) Hexachloroethane	14.335	117	18669	19.176	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	52212	19.782	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8463	20.374	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	24307	21.401	ug/l	96
94) Hexachlorobutadiene	15.506	225	11283	20.378	ug/l	95
95) Naphthalene	15.641	128	87066	19.934	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	23796	21.086	ug/l	100

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

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