

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075601.D
 Acq On : 07 Dec 2022 11:45
 Operator : JC\MD
 Sample : VN1207WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2022
 Supervised By : Mahesh Dadoda 12/08/2022

Quant Time: Dec 07 12:23:49 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	188213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	300199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	270895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	50439	49.925	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.840%		
35) Dibromofluoromethane	8.171	113	66129	56.076	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	112.160%		
50) Toluene-d8	10.571	98	136218	51.286	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.580%		
62) 4-Bromofluorobenzene	12.853	95	107931	55.054	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	30662	21.305	ug/l	96
3) Chloromethane	2.371	50	34547	19.292	ug/l	97
4) Vinyl Chloride	2.524	62	44688	19.801	ug/l	99
5) Bromomethane	2.918	94	36441	18.361	ug/l	99
6) Chloroethane	3.101	64	35728	20.892	ug/l	100
7) Trichlorofluoromethane	3.489	101	64485	20.000	ug/l	100
8) Diethyl Ether	3.965	74	23610	20.893	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	38040	21.372	ug/l	94
10) Methyl Iodide	4.589	142	59655	20.683	ug/l	95
11) Tert butyl alcohol	5.536	59	36485	86.026	ug/l	96
12) 1,1-Dichloroethene	4.342	96	34823	19.979	ug/l	95
13) Acrolein	4.189	56	34569	93.563	ug/l	97
14) Allyl chloride	5.024	41	44925	19.927	ug/l	97
15) Acrylonitrile	5.730	53	88145	90.588	ug/l	98
16) Acetone	4.442	43	74372	78.921	ug/l	96
17) Carbon Disulfide	4.718	76	88993	19.647	ug/l	96
18) Methyl Acetate	5.036	43	46472	18.752	ug/l	93
19) Methyl tert-butyl Ether	5.806	73	120699	19.548	ug/l	95
20) Methylene Chloride	5.277	84	42322	21.416	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	39490	19.881	ug/l	93
22) Diisopropyl ether	6.683	45	107327	20.861	ug/l	98
23) Vinyl Acetate	6.612	43	357705	87.393	ug/l	97
24) 1,1-Dichloroethane	6.577	63	68880	20.858	ug/l	98
25) 2-Butanone	7.489	43	110731	84.164	ug/l	100
26) 2,2-Dichloropropane	7.494	77	55308	18.021	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	47297	21.058	ug/l	92
28) Bromochloromethane	7.818	49	26926	20.087	ug/l #	80
29) Tetrahydrofuran	7.847	42	69900	87.345	ug/l	96
30) Chloroform	7.965	83	74625	19.678	ug/l	97
31) Cyclohexane	8.259	56	59493	18.534	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	66398	19.283	ug/l	97
36) 1,1-Dichloropropene	8.377	75	54762	21.294	ug/l	97
37) Ethyl Acetate	7.571	43	45580	19.683	ug/l	99
38) Carbon Tetrachloride	8.365	117	58895	20.847	ug/l	99
39) Methylcyclohexane	9.606	83	68439	21.263	ug/l	93
40) Benzene	8.612	78	165758	21.052	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	25707	21.714	ug/l	93
42) 1,2-Dichloroethane	8.677	62	56545	21.442	ug/l	95
43) Isopropyl Acetate	8.694	43	75889	20.417	ug/l	97
44) Trichloroethene	9.359	130	45836	21.275	ug/l	90
45) 1,2-Dichloropropane	9.624	63	39120	20.849	ug/l	96
46) Dibromomethane	9.712	93	30997	21.840	ug/l	90
47) Bromodichloromethane	9.888	83	59873	21.784	ug/l #	96
48) Methyl methacrylate	9.688	41	35583	20.704	ug/l	95
49) 1,4-Dioxane	9.700	88	18230	373.542	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	231360	97.728	ug/l	98
52) Toluene	10.635	92	110995	21.875	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	57904	20.986	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	65687	21.919	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	43040	20.826	ug/l	94
56) Ethyl methacrylate	10.877	69	60585	21.708	ug/l	98
57) 1,3-Dichloropropane	11.165	76	72081	21.391	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	99332	98.685	ug/l	96
59) 2-Hexanone	11.200	43	172842	97.229	ug/l	99
60) Dibromochloromethane	11.359	129	48986	23.093	ug/l	100
61) 1,2-Dibromoethane	11.471	107	45229	21.086	ug/l	98
64) Tetrachloroethene	11.106	164	41631	20.124	ug/l	94
65) Chlorobenzene	11.894	112	121997	21.807	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	46274	22.162	ug/l	98
67) Ethyl Benzene	11.965	91	207562	21.747	ug/l	96
68) m/p-Xylenes	12.077	106	172346	44.466	ug/l	98
69) o-Xylene	12.400	106	83988	21.810	ug/l	95
70) Styrene	12.412	104	136415	22.455	ug/l	98
71) Bromoform	12.582	173	34265	21.562	ug/l #	99
73) Isopropylbenzene	12.700	105	216395	21.125	ug/l	98
74) N-amyl acetate	12.500	43	65004	20.642	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	62778	20.102	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	48570m	18.322	ug/l	
77) Bromobenzene	12.982	156	53661	21.219	ug/l	84
78) n-propylbenzene	13.041	91	237208	20.750	ug/l	98
79) 2-Chlorotoluene	13.129	91	143211	20.792	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	186123	21.870	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	16520	18.438	ug/l	99
82) 4-Chlorotoluene	13.129	91	143211	20.792	ug/l	95
83) tert-Butylbenzene	13.441	119	170481	21.971	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	187320	21.944	ug/l	98
85) sec-Butylbenzene	13.618	105	224921	21.363	ug/l	99
86) p-Isopropyltoluene	13.735	119	194111	21.913	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	100651	21.006	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	101986	20.953	ug/l	99
89) n-Butylbenzene	14.059	91	154586	20.662	ug/l	98
90) Hexachloroethane	14.335	117	32494	21.264	ug/l	80
91) 1,2-Dichlorobenzene	14.106	146	100556	21.530	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11143	18.836	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	52091	21.764	ug/l	97
94) Hexachlorobutadiene	15.506	225	28316	22.713	ug/l	95
95) Naphthalene	15.647	128	149323	19.831	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	50224	21.350	ug/l	98

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

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