

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102422\
 Data File : VN074980.D
 Acq On : 24 Oct 2022 13:38
 Operator : JC\MD
 Sample : VN1024WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022

Quant Time: Oct 25 06:38:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	495746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	834598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	913901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	577618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	620116	47.080	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.160%		
35) Dibromofluoromethane	8.171	113	484623	48.785	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.560%		
50) Toluene-d8	10.571	98	1924888	50.504	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.000%		
62) 4-Bromofluorobenzene	12.853	95	648733	48.254	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	130874	16.888	ug/l	97
3) Chloromethane	2.377	50	153126	17.504	ug/l	95
4) Vinyl Chloride	2.524	62	224417	17.620	ug/l	96
5) Bromomethane	2.930	94	176104	16.698	ug/l	100
6) Chloroethane	3.107	64	171611	17.435	ug/l	88
7) Trichlorofluoromethane	3.495	101	242391	18.153	ug/l	94
8) Diethyl Ether	3.977	74	98848	16.825	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	143481	18.073	ug/l	98
10) Methyl Iodide	4.601	142	194401	17.538	ug/l	98
11) Tert butyl alcohol	5.548	59	254432	91.367	ug/l	100
12) 1,1-Dichloroethene	4.348	96	130229	18.467	ug/l #	92
13) Acrolein	4.189	56	155714	110.353	ug/l	94
14) Allyl chloride	5.042	41	186651	15.474	ug/l	95
15) Acrylonitrile	5.736	53	518111	91.976	ug/l	98
16) Acetone	4.448	43	477101	97.924	ug/l	95
17) Carbon Disulfide	4.724	76	222135	14.775	ug/l	99
18) Methyl Acetate	5.036	43	292492	17.485	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	583696	18.251	ug/l	97
20) Methylene Chloride	5.283	84	171868	18.482	ug/l	98
21) trans-1,2-Dichloroethene	5.795	96	137045	16.895	ug/l	83
22) Diisopropyl ether	6.689	45	494035	17.898	ug/l	95
23) Vinyl Acetate	6.618	43	2006881	92.362	ug/l	95
24) 1,1-Dichloroethane	6.583	63	305377	17.892	ug/l	99
25) 2-Butanone	7.494	43	694593	86.566	ug/l	98
26) 2,2-Dichloropropane	7.494	77	292501	18.133	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	201584	18.218	ug/l	97
28) Bromochloromethane	7.818	49	136555	19.200	ug/l	96
29) Tetrahydrofuran	7.847	42	443127	89.543	ug/l	100
30) Chloroform	7.971	83	336945	17.471	ug/l	99
31) Cyclohexane	8.265	56	228111	16.951	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	293675	16.923	ug/l	99
36) 1,1-Dichloropropene	8.383	75	216119	17.275	ug/l	99
37) Ethyl Acetate	7.571	43	280178	19.019	ug/l	98
38) Carbon Tetrachloride	8.371	117	239488	17.585	ug/l	94
39) Methylcyclohexane	9.606	83	256020	17.272	ug/l	92
40) Benzene	8.612	78	702260	18.208	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	133975	18.120	ug/l	97
42) 1,2-Dichloroethane	8.677	62	268865	18.416	ug/l	100
43) Isopropyl Acetate	8.694	43	425185	18.609	ug/l	100
44) Trichloroethene	9.353	130	169555	17.912	ug/l	99
45) 1,2-Dichloropropane	9.630	63	183340	18.443	ug/l #	85
46) Dibromomethane	9.712	93	130034	17.888	ug/l	96
47) Bromodichloromethane	9.894	83	266567	18.152	ug/l	99
48) Methyl methacrylate	9.683	41	193427	19.361	ug/l	97
49) 1,4-Dioxane	9.700	88	107845	373.350	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1453815	96.058	ug/l	99
52) Toluene	10.635	92	458189	18.206	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	271370	18.731	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	299973	18.723	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	195691	18.529	ug/l	93
56) Ethyl methacrylate	10.877	69	298377	18.761	ug/l	96
57) 1,3-Dichloropropane	11.165	76	338898	18.901	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	590701	85.006	ug/l	100
59) 2-Hexanone	11.200	43	1111847	96.867	ug/l	98
60) Dibromochloromethane	11.365	129	192861	17.395	ug/l	98
61) 1,2-Dibromoethane	11.471	107	191347	17.969	ug/l	98
64) Tetrachloroethene	11.106	164	128755	17.229	ug/l	99
65) Chlorobenzene	11.894	112	501859	18.161	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	190415	18.282	ug/l	98
67) Ethyl Benzene	11.965	91	863021	17.590	ug/l	95
68) m/p-Xylenes	12.076	106	693406	36.246	ug/l	98
69) o-Xylene	12.400	106	353198	18.430	ug/l	98
70) Styrene	12.412	104	559612	18.424	ug/l	98
71) Bromoform	12.582	173	137453	17.486	ug/l #	100
73) Isopropylbenzene	12.700	105	911259	19.314	ug/l	98
74) N-amyl acetate	12.494	43	361241	19.056	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	340109	19.303	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	301382m	19.240	ug/l	
77) Bromobenzene	12.982	156	198997	18.393	ug/l	97
78) n-propylbenzene	13.041	91	1021259	18.495	ug/l	99
79) 2-Chlorotoluene	13.129	91	632603	18.495	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	764191	18.752	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	103431	21.170	ug/l	97
82) 4-Chlorotoluene	13.129	91	632603	18.495	ug/l	98
83) tert-Butylbenzene	13.441	119	701737	19.458	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	778992	18.925	ug/l	98
85) sec-Butylbenzene	13.618	105	952088	18.802	ug/l	100
86) p-Isopropyltoluene	13.735	119	773397	18.545	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	380326	18.373	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	379967	18.105	ug/l	96
89) n-Butylbenzene	14.059	91	641852	18.023	ug/l	99
90) Hexachloroethane	14.335	117	149247	18.471	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	396608	18.692	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	69357	18.944	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	170350	18.449	ug/l	98
94) Hexachlorobutadiene	15.506	225	81944	17.190	ug/l	97
95) Naphthalene	15.641	128	687729	19.598	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	162907	17.530	ug/l	98

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

