

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
 Data File : VN075459.D
 Acq On : 28 Nov 2022 19:23
 Operator : JC\MD
 Sample : N5757-04MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT174I1-20221121MS

Quant Time: Nov 29 05:34:08 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 11/29/2022
 Supervised By : Mahesh Dadoda 11/29/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	159916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	254531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	42246	49.214	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.420%		
35) Dibromofluoromethane	8.171	113	53592	53.598	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.200%		
50) Toluene-d8	10.571	98	120815	53.648	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.300%		
62) 4-Bromofluorobenzene	12.853	95	90524	54.459	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.920%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	58987	48.239	ug/l	100
3) Chloromethane	2.377	50	67424	44.313	ug/l	99
4) Vinyl Chloride	2.524	62	91290	47.607	ug/l	95
5) Bromomethane	2.936	94	85573	50.747	ug/l	99
6) Chloroethane	3.112	64	71826	49.433	ug/l	98
7) Trichlorofluoromethane	3.501	101	127505	46.544	ug/l	96
8) Diethyl Ether	3.971	74	47796	49.780	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	74262	49.105	ug/l	92
10) Methyl Iodide	4.595	142	120799	49.294	ug/l	95
11) Tert butyl alcohol	5.536	59	85633	237.638	ug/l	99
12) 1,1-Dichloroethene	4.348	96	71737	48.441	ug/l	87
13) Acrolein	4.189	56	90264	287.535	ug/l	99
14) Allyl chloride	5.030	41	92178	48.121	ug/l	94
15) Acrylonitrile	5.730	53	212138	256.596	ug/l	98
16) Acetone	4.442	43	164896	205.944	ug/l	98
17) Carbon Disulfide	4.718	76	160861	41.797	ug/l	100
18) Methyl Acetate	5.036	43	103433	51.275	ug/l	95
19) Methyl tert-butyl Ether	5.812	73	255377	48.680	ug/l	99
20) Methylene Chloride	5.289	84	81389	50.131	ug/l	91
21) trans-1,2-Dichloroethene	5.795	96	78577	46.558	ug/l	91
22) Diisopropyl ether	6.683	45	207551	47.480	ug/l	98
23) Vinyl Acetate	6.612	43	803692m	231.100	ug/l	
24) 1,1-Dichloroethane	6.577	63	145847	51.980	ug/l	95
25) 2-Butanone	7.489	43	265395	237.415	ug/l	97
26) 2,2-Dichloropropane	7.494	77	110232	42.272	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	94158	49.339	ug/l	92
28) Bromochloromethane	7.818	49	56051	49.214	ug/l #	81
29) Tetrahydrofuran	7.841	42	172711	254.004	ug/l	96
30) Chloroform	7.971	83	153161	47.534	ug/l	97
31) Cyclohexane	8.259	56	112896	41.395	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	142631	48.752	ug/l	97
36) 1,1-Dichloropropene	8.377	75	106567	48.873	ug/l	96
37) Ethyl Acetate	7.571	43	99188	50.519	ug/l	96
38) Carbon Tetrachloride	8.365	117	126324	52.738	ug/l	98
39) Methylcyclohexane	9.606	83	137304	50.313	ug/l	98
40) Benzene	8.612	78	333189	49.908	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	54719	54.512	ug/l	97
42) 1,2-Dichloroethane	8.677	62	111575	49.902	ug/l	96
43) Isopropyl Acetate	8.694	43	164178	52.095	ug/l	96
44) Trichloroethene	9.353	130	95039	52.027	ug/l	97
45) 1,2-Dichloropropane	9.624	63	79479	49.957	ug/l	99
46) Dibromomethane	9.712	93	61905	51.444	ug/l	90
47) Bromodichloromethane	9.888	83	120142	51.555	ug/l	98
48) Methyl methacrylate	9.683	41	76486	52.487	ug/l	95
49) 1,4-Dioxane	9.700	88	47873	1156.943	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	545282	271.656	ug/l	95
52) Toluene	10.635	92	223749	52.009	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	123414	52.753	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	129930	51.135	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	92126	52.577	ug/l	99
56) Ethyl methacrylate	10.877	69	131184	55.438	ug/l	96
57) 1,3-Dichloropropane	11.165	76	145101	50.787	ug/l	99
59) 2-Hexanone	11.194	43	417422	276.943	ug/l	97
60) Dibromochloromethane	11.359	129	102719	57.112	ug/l	99
61) 1,2-Dibromoethane	11.471	107	94836	52.146	ug/l	100
64) Tetrachloroethene	11.106	164	82343	46.379	ug/l	92
65) Chlorobenzene	11.894	112	243512	50.717	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	94693	52.843	ug/l	97
67) Ethyl Benzene	11.965	91	431945	52.731	ug/l	99
68) m/p-Xylenes	12.071	106	352390	105.936	ug/l	99
69) o-Xylene	12.400	106	176447	53.387	ug/l	95
70) Styrene	12.412	104	286394	54.930	ug/l	98
71) Bromoform	12.582	173	78815	57.788	ug/l #	99
73) Isopropylbenzene	12.694	105	452366	51.235	ug/l	98
74) N-amyl acetate	12.494	43	144341	53.176	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	142979	53.116	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	120424m	52.703	ug/l	
77) Bromobenzene	12.982	156	110989	50.918	ug/l	86
78) n-propylbenzene	13.035	91	512886	52.051	ug/l	98
79) 2-Chlorotoluene	13.129	91	308479	51.959	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	388803	53.003	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	41754	54.067	ug/l	94
82) 4-Chlorotoluene	13.129	91	308479	51.959	ug/l	97
83) tert-Butylbenzene	13.441	119	348098	52.047	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	394449	53.609	ug/l	97
85) sec-Butylbenzene	13.618	105	485913	53.545	ug/l	99
86) p-Isopropyltoluene	13.729	119	418795	54.850	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	211099	51.114	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	211033	50.302	ug/l	99
89) n-Butylbenzene	14.059	91	336252	52.143	ug/l	98
90) Hexachloroethane	14.335	117	71012	53.912	ug/l	83
91) 1,2-Dichlorobenzene	14.106	146	208122	51.698	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27994	54.900	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	105155	50.971	ug/l	99
94) Hexachlorobutadiene	15.506	225	54728	50.929	ug/l	98
95) Naphthalene	15.641	128	350553	54.012	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	104604	51.589	ug/l	98

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

