

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011023\
 Data File : VN076175.D
 Acq On : 10 Jan 2023 11:43
 Operator : JC\MD
 Sample : VN0110WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/11/2023
 Supervised By :Semsettin Yesilyurt 01/11/2023

Quant Time: Jan 11 01:01:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	324156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	514152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	469742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	225408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	168564	47.799	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.600%		
35) Dibromofluoromethane	8.171	113	155863	48.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.900%		
50) Toluene-d8	10.571	98	562141	47.219	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.440%		
62) 4-Bromofluorobenzene	12.853	95	196624	49.866	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	56931	24.735	ug/l	98
3) Chloromethane	2.371	50	58693	20.508	ug/l	96
4) Vinyl Chloride	2.530	62	69679	20.410	ug/l	99
5) Bromomethane	2.959	94	53750	18.526	ug/l	99
6) Chloroethane	3.136	64	48206	19.068	ug/l	97
7) Trichlorofluoromethane	3.512	101	98796	19.071	ug/l	96
8) Diethyl Ether	3.977	74	34630	18.303	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.389	101	57553	19.456	ug/l	98
10) Methyl Iodide	4.606	142	85843	17.882	ug/l	100
11) Tert butyl alcohol	5.536	59	42219	84.608	ug/l	99
12) 1,1-Dichloroethene	4.359	96	54039	18.810	ug/l	92
13) Acrolein	4.195	56	39159	64.011	ug/l	96
14) Allyl chloride	5.036	41	62875	18.721	ug/l	92
15) Acrylonitrile	5.736	53	125024	91.812	ug/l	100
16) Acetone	4.442	43	100588	82.744	ug/l	99
17) Carbon Disulfide	4.730	76	126690	18.213	ug/l	97
18) Methyl Acetate	5.042	43	70054	19.495	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	182417	19.281	ug/l	95
20) Methylene Chloride	5.289	84	67011	20.225	ug/l	97
21) trans-1,2-Dichloroethene	5.794	96	57850	18.386	ug/l	99
22) Diisopropyl ether	6.683	45	158010	19.367	ug/l	98
23) Vinyl Acetate	6.612	43	506018	92.148	ug/l	97
24) 1,1-Dichloroethane	6.577	63	101526	18.659	ug/l	99
25) 2-Butanone	7.494	43	154918	91.013	ug/l	95
26) 2,2-Dichloropropane	7.500	77	83465	18.114	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	68271	18.143	ug/l	96
28) Bromochloromethane	7.818	49	38345	16.079	ug/l	95
29) Tetrahydrofuran	7.847	42	101466	95.122	ug/l	97
30) Chloroform	7.971	83	112870	18.424	ug/l	98
31) Cyclohexane	8.259	56	93376	18.488	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	101787	18.741	ug/l	96
36) 1,1-Dichloropropene	8.377	75	79392	18.770	ug/l	97
37) Ethyl Acetate	7.571	43	65768	19.358	ug/l	99
38) Carbon Tetrachloride	8.365	117	91705	19.372	ug/l	98
39) Methylcyclohexane	9.600	83	99301	19.460	ug/l	98
40) Benzene	8.606	78	249946	19.153	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	34273	19.407	ug/l	96
42) 1,2-Dichloroethane	8.677	62	83721	19.297	ug/l	99
43) Isopropyl Acetate	8.694	43	108335	19.330	ug/l	98
44) Trichloroethene	9.359	130	68248	18.563	ug/l	100
45) 1,2-Dichloropropane	9.624	63	62037	19.535	ug/l	96
46) Dibromomethane	9.712	93	44480	18.884	ug/l	99
47) Bromodichloromethane	9.888	83	87723	18.992	ug/l #	98
48) Methyl methacrylate	9.682	41	50413	19.972	ug/l	98
49) 1,4-Dioxane	9.700	88	22233	358.276	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	330971	97.651	ug/l	98
52) Toluene	10.635	92	165253	19.443	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	85770	18.969	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	97520	19.644	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	63984	19.180	ug/l	97
56) Ethyl methacrylate	10.876	69	87014	19.637	ug/l	99
57) 1,3-Dichloropropane	11.165	76	103888	18.985	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	127761	90.561	ug/l	99
59) 2-Hexanone	11.200	43	241251	97.604	ug/l	99
60) Dibromochloromethane	11.359	129	69986	18.864	ug/l	97
61) 1,2-Dibromoethane	11.471	107	64912	19.228	ug/l	98
64) Tetrachloroethene	11.106	164	74590	22.566	ug/l	98
65) Chlorobenzene	11.894	112	178585	18.523	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	67184	18.813	ug/l	98
67) Ethyl Benzene	11.965	91	312365	19.196	ug/l	98
68) m/p-Xylenes	12.070	106	252832	39.257	ug/l	99
69) o-Xylene	12.400	106	123221	19.333	ug/l	100
70) Styrene	12.412	104	200655	19.800	ug/l	100
71) Bromoform	12.582	173	50270	19.345	ug/l #	98
73) Isopropylbenzene	12.700	105	322160	19.778	ug/l	99
74) N-amyl acetate	12.494	43	90001	18.834	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	87125	17.302	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	94021m	20.693	ug/l	
77) Bromobenzene	12.982	156	76961	18.669	ug/l	98
78) n-propylbenzene	13.041	91	362170	20.159	ug/l	99
79) 2-Chlorotoluene	13.129	91	218206	19.457	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	273856	20.088	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	23731	18.800	ug/l	91
82) 4-Chlorotoluene	13.129	91	218206	19.457	ug/l	100
83) tert-Butylbenzene	13.441	119	248363	20.663	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	278475	20.590	ug/l	98
85) sec-Butylbenzene	13.617	105	335436	20.219	ug/l	99
86) p-Isopropyltoluene	13.735	119	279419	20.241	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	139341	18.299	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	140575	18.071	ug/l	99
89) n-Butylbenzene	14.059	91	214774	19.204	ug/l	99
90) Hexachloroethane	14.335	117	48450	19.620	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	142573	19.008	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14331	16.039	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	62070	16.715	ug/l	99
94) Hexachlorobutadiene	15.506	225	36449	17.991	ug/l	97
95) Naphthalene	15.647	128	170382	15.462	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	61785	17.802	ug/l	99

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

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