

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012623\
 Data File : VN076414.D
 Acq On : 26 Jan 2023 12:49
 Operator : JC\MD
 Sample : VN0126WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0126WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/27/2023
 Supervised By : Semsettin Yesilyurt 01/27/2023

Quant Time: Jan 27 00:32:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	356695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	550520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	499851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	232401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	228425	57.194	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.380%			
35) Dibromofluoromethane	8.177	113	198934	57.767	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.540%			
50) Toluene-d8	10.571	98	679329	53.414	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.820%			
62) 4-Bromofluorobenzene	12.853	95	232801	56.071	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	61549	16.838	ug/l	100
3) Chloromethane	2.371	50	70375	18.595	ug/l	95
4) Vinyl Chloride	2.530	62	95749	20.633	ug/l	99
5) Bromomethane	2.959	94	74557	19.619	ug/l	99
6) Chloroethane	3.130	64	69740	20.042	ug/l	94
7) Trichlorofluoromethane	3.512	101	129526	20.288	ug/l	99
8) Diethyl Ether	3.971	74	45674	21.329	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.389	101	71176	19.694	ug/l	96
10) Methyl Iodide	4.600	142	103761	18.795	ug/l	96
11) Tert butyl alcohol	5.536	59	53344	99.857	ug/l	98
12) 1,1-Dichloroethene	4.359	96	64113	18.766	ug/l	92
13) Acrolein	4.195	56	80620	126.194	ug/l	98
14) Allyl chloride	5.042	41	90364	22.697	ug/l	90
15) Acrylonitrile	5.736	53	163326	107.439	ug/l	100
16) Acetone	4.442	43	141605	110.561	ug/l	95
17) Carbon Disulfide	4.730	76	143734	16.896	ug/l	99
18) Methyl Acetate	5.042	43	95737	22.064	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	236527	21.266	ug/l	99
20) Methylene Chloride	5.289	84	78741	20.428	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	68838	18.599	ug/l	96
22) Diisopropyl ether	6.683	45	212127	22.593	ug/l	98
23) Vinyl Acetate	6.618	43	684773	112.847	ug/l	98
24) 1,1-Dichloroethane	6.583	63	128956	20.605	ug/l	99
25) 2-Butanone	7.488	43	203582	104.112	ug/l	96
26) 2,2-Dichloropropane	7.500	77	101388	19.221	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	84717	19.625	ug/l	98
28) Bromochloromethane	7.824	49	64070	25.257	ug/l	95
29) Tetrahydrofuran	7.847	42	129715	107.482	ug/l	95
30) Chloroform	7.971	83	142800	20.621	ug/l	98
31) Cyclohexane	8.265	56	105924	17.265	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	122416	19.362	ug/l	97
36) 1,1-Dichloropropene	8.383	75	92760	18.956	ug/l	99
37) Ethyl Acetate	7.565	43	79285	20.222	ug/l	97
38) Carbon Tetrachloride	8.371	117	108313	19.849	ug/l	99
39) Methylcyclohexane	9.606	83	107706	18.024	ug/l	96
40) Benzene	8.612	78	287648	19.658	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	44089	21.453	ug/l #	93
42) 1,2-Dichloroethane	8.677	62	108595	21.691	ug/l	99
43) Isopropyl Acetate	8.694	43	132690	20.781	ug/l	98
44) Trichloroethene	9.359	130	74913	18.102	ug/l	99
45) 1,2-Dichloropropane	9.624	63	70219	20.044	ug/l	95
46) Dibromomethane	9.712	93	52266	19.760	ug/l	96
47) Bromodichloromethane	9.888	83	106361	20.733	ug/l	97
48) Methyl methacrylate	9.682	41	63351	20.957	ug/l	95
49) 1,4-Dioxane	9.700	88	25782	404.207	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	395718	105.571	ug/l	99
52) Toluene	10.635	92	182307	18.631	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	99660	20.379	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	111205	19.765	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	73954	19.773	ug/l	99
56) Ethyl methacrylate	10.876	69	102187	21.162	ug/l	97
57) 1,3-Dichloropropane	11.165	76	124146	20.425	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	142084	87.161	ug/l	98
59) 2-Hexanone	11.200	43	279967	103.070	ug/l	98
60) Dibromochloromethane	11.359	129	80233	20.378	ug/l	98
61) 1,2-Dibromoethane	11.471	107	73940	19.805	ug/l	98
64) Tetrachloroethene	11.106	164	76028	16.866	ug/l	98
65) Chlorobenzene	11.894	112	198412	18.778	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	76740	19.520	ug/l	99
67) Ethyl Benzene	11.965	91	347764	19.231	ug/l	99
68) m/p-Xylenes	12.076	106	274032	37.790	ug/l	98
69) o-Xylene	12.400	106	133168	18.700	ug/l	94
70) Styrene	12.412	104	219108	19.270	ug/l	98
71) Bromoform	12.582	173	54965	19.360	ug/l #	98
73) Isopropylbenzene	12.700	105	350591	19.500	ug/l	98
74) N-amyl acetate	12.500	43	107295	20.747	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	102605	19.853	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	92433m	21.288	ug/l	
77) Bromobenzene	12.982	156	83708	19.573	ug/l	97
78) n-propylbenzene	13.041	91	395265	19.485	ug/l	99
79) 2-Chlorotoluene	13.129	91	238929	19.194	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	298918	19.846	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	26004	18.617	ug/l	94
82) 4-Chlorotoluene	13.129	91	238929	19.194	ug/l	99
83) tert-Butylbenzene	13.441	119	270537	20.195	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	297929	19.727	ug/l	99
85) sec-Butylbenzene	13.617	105	368595	19.829	ug/l	98
86) p-Isopropyltoluene	13.735	119	301259	19.709	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	153811	18.151	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	150125	18.687	ug/l	98
89) n-Butylbenzene	14.059	91	239070	19.703	ug/l	99
90) Hexachloroethane	14.335	117	50991	19.328	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	149680	17.735	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17707	19.710	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	65935	17.051	ug/l	96
94) Hexachlorobutadiene	15.506	225	38079	17.002	ug/l	98
95) Naphthalene	15.641	128	196587	17.521	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	66114	17.769	ug/l	99

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

