

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012723\
 Data File : VN076438.D
 Acq On : 27 Jan 2023 14:35
 Operator : JC\MD
 Sample : VN0127WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBSD02

Quant Time: Jan 27 22:37:57 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/30/2023
 Supervised By : Semsettin Yesilyurt 01/30/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	381874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	613780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	522002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	245587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	261741	61.215	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.420%			
35) Dibromofluoromethane	8.177	113	220216	57.356	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.720%			
50) Toluene-d8	10.571	98	737163	51.988	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.980%			
62) 4-Bromofluorobenzene	12.853	95	259342	56.026	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	67227	17.179	ug/l	99
3) Chloromethane	2.377	50	82491	20.360	ug/l	95
4) Vinyl Chloride	2.530	62	115609	23.270	ug/l	98
5) Bromomethane	2.965	94	82934	20.384	ug/l	89
6) Chloroethane	3.130	64	75663	20.310	ug/l	98
7) Trichlorofluoromethane	3.512	101	159446	23.328	ug/l	96
8) Diethyl Ether	3.983	74	54945	23.967	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.383	101	86292	22.302	ug/l	96
10) Methyl Iodide	4.606	142	125205	21.184	ug/l	96
11) Tert butyl alcohol	5.536	59	64040	111.975	ug/l	97
12) 1,1-Dichloroethene	4.353	96	79667	21.781	ug/l	89
13) Acrolein	4.194	56	79179	115.766	ug/l	99
14) Allyl chloride	5.036	41	103076	24.182	ug/l	94
15) Acrylonitrile	5.736	53	195233	119.960	ug/l	99
16) Acetone	4.442	43	172277	125.650	ug/l	97
17) Carbon Disulfide	4.730	76	175310	19.249	ug/l	96
18) Methyl Acetate	5.042	43	111417	23.985	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	280892	23.589	ug/l	100
20) Methylene Chloride	5.289	84	94857	23.063	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	82637	20.855	ug/l	94
22) Diisopropyl ether	6.683	45	240936	23.969	ug/l	99
23) Vinyl Acetate	6.618	43	736151	113.315	ug/l	97
24) 1,1-Dichloroethane	6.577	63	151747	22.648	ug/l	100
25) 2-Butanone	7.494	43	227394	108.622	ug/l	95
26) 2,2-Dichloropropane	7.500	77	118923	21.059	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	95043	20.565	ug/l	96
28) Bromochloromethane	7.824	49	64692	23.821	ug/l	95
29) Tetrahydrofuran	7.847	42	140186	108.499	ug/l	94
30) Chloroform	7.971	83	160014	21.583	ug/l	97
31) Cyclohexane	8.265	56	117094	17.827	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	141018	20.833	ug/l	97
36) 1,1-Dichloropropene	8.377	75	106999	19.612	ug/l	99
37) Ethyl Acetate	7.565	43	94728	21.668	ug/l	98
38) Carbon Tetrachloride	8.365	117	124214	20.416	ug/l	92
39) Methylcyclohexane	9.606	83	114045	17.118	ug/l	95
40) Benzene	8.612	78	329794	20.216	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	52305	22.828	ug/l	95
42) 1,2-Dichloroethane	8.677	62	123631	22.149	ug/l	97
43) Isopropyl Acetate	8.694	43	149789	21.041	ug/l	98
44) Trichloroethene	9.353	130	79288	17.184	ug/l	95
45) 1,2-Dichloropropane	9.624	63	74668	19.117	ug/l	99
46) Dibromomethane	9.712	93	56159	19.044	ug/l	97
47) Bromodichloromethane	9.894	83	110690	19.353	ug/l	95
48) Methyl methacrylate	9.682	41	64788	19.224	ug/l	96
49) 1,4-Dioxane	9.700	88	27535	387.198	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	417118	99.811	ug/l	99
52) Toluene	10.635	92	197674	18.119	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	103333	18.952	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	117437	18.722	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	79295	19.016	ug/l	99
56) Ethyl methacrylate	10.876	69	107693	20.004	ug/l	97
57) 1,3-Dichloropropane	11.165	76	130292	19.227	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	132992	73.175	ug/l	98
59) 2-Hexanone	11.200	43	297118	98.111	ug/l	99
60) Dibromochloromethane	11.359	129	88306	20.117	ug/l	97
61) 1,2-Dibromoethane	11.470	107	78305	18.813	ug/l	99
64) Tetrachloroethene	11.106	164	82018	17.423	ug/l	97
65) Chlorobenzene	11.894	112	212010	19.213	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	81384	19.823	ug/l	99
67) Ethyl Benzene	11.965	91	374443	19.827	ug/l	98
68) m/p-Xylenes	12.070	106	291983	38.557	ug/l	97
69) o-Xylene	12.400	106	144585	19.442	ug/l	96
70) Styrene	12.412	104	237394	19.992	ug/l	99
71) Bromoform	12.582	173	60378	20.364	ug/l #	100
73) Isopropylbenzene	12.700	105	380129	20.008	ug/l	99
74) N-amyl acetate	12.494	43	110838	20.282	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	112570	20.611	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	98800m	21.544	ug/l	
77) Bromobenzene	12.982	156	88169	19.507	ug/l	94
78) n-propylbenzene	13.035	91	425488	19.848	ug/l	100
79) 2-Chlorotoluene	13.129	91	261519	19.881	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	323540	20.328	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	27061	18.334	ug/l	91
82) 4-Chlorotoluene	13.129	91	261519	19.881	ug/l	99
83) tert-Butylbenzene	13.441	119	282679	19.969	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	322764	20.224	ug/l	100
85) sec-Butylbenzene	13.617	105	395299	20.124	ug/l	99
86) p-Isopropyltoluene	13.729	119	326521	20.215	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	162673	18.166	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	158960	18.724	ug/l	98
89) n-Butylbenzene	14.059	91	249560	19.463	ug/l	98
90) Hexachloroethane	14.335	117	53829	19.309	ug/l	97
91) 1,2-Dichlorobenzene	14.111	146	159295	17.861	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18053	19.016	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	68701	16.831	ug/l	96
94) Hexachlorobutadiene	15.506	225	38657	16.333	ug/l	93
95) Naphthalene	15.647	128	187649	16.004	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	66734	17.024	ug/l	97

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

