

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011023\
 Data File : VN076176.D
 Acq On : 10 Jan 2023 12:07
 Operator : JC\MD
 Sample : VN0110WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jan 11 07:27:04 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	297084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	492977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	445420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	210249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	162787	50.367	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.740%			
35) Dibromofluoromethane	8.171	113	146842	48.099	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.200%			
50) Toluene-d8	10.571	98	532813	46.678	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.360%			
62) 4-Bromofluorobenzene	12.847	95	184155	48.710	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	56138	26.613	ug/l	93
3) Chloromethane	2.371	50	57304	21.847	ug/l	96
4) Vinyl Chloride	2.530	62	67706	21.639	ug/l	98
5) Bromomethane	2.954	94	52340	19.683	ug/l	96
6) Chloroethane	3.130	64	48096	20.758	ug/l	100
7) Trichlorofluoromethane	3.507	101	97619	20.561	ug/l	96
8) Diethyl Ether	3.977	74	33982	19.597	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	55275	20.389	ug/l	100
10) Methyl Iodide	4.601	142	83242	18.920	ug/l	98
11) Tert butyl alcohol	5.530	59	42745	93.468	ug/l	98
12) 1,1-Dichloroethene	4.354	96	50914	19.337	ug/l	94
13) Acrolein	4.195	56	41594	74.187	ug/l	100
14) Allyl chloride	5.036	41	69361	22.535	ug/l	98
15) Acrylonitrile	5.730	53	129118	103.459	ug/l	100
16) Acetone	4.442	43	101256	90.883	ug/l	99
17) Carbon Disulfide	4.724	76	120754	18.942	ug/l	99
18) Methyl Acetate	5.036	43	72384	21.979	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	183380	21.149	ug/l	95
20) Methylene Chloride	5.289	84	67373	22.250	ug/l	93
21) trans-1,2-Dichloroethene	5.795	96	55879	19.378	ug/l	97
22) Diisopropyl ether	6.683	45	157605	21.078	ug/l	98
23) Vinyl Acetate	6.612	43	502194	99.786	ug/l	99
24) 1,1-Dichloroethane	6.583	63	99959	20.045	ug/l	97
25) 2-Butanone	7.489	43	159707	102.377	ug/l	95
26) 2,2-Dichloropropane	7.494	77	79573	18.843	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	66283	19.220	ug/l	95
28) Bromochloromethane	7.818	49	39186	17.929	ug/l	96
29) Tetrahydrofuran	7.842	42	101099	103.415	ug/l	99
30) Chloroform	7.971	83	110755	19.726	ug/l	92
31) Cyclohexane	8.259	56	89693	19.377	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	98757	19.840	ug/l	99
36) 1,1-Dichloropropene	8.377	75	76884	18.958	ug/l	99
37) Ethyl Acetate	7.565	43	67196	20.628	ug/l	97
38) Carbon Tetrachloride	8.371	117	88969	19.601	ug/l	99
39) Methylcyclohexane	9.606	83	96085	19.638	ug/l	97
40) Benzene	8.612	78	239927	19.175	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	34455	20.348	ug/l	95
42) 1,2-Dichloroethane	8.677	62	81107	19.497	ug/l	98
43) Isopropyl Acetate	8.694	43	108475	20.187	ug/l	100
44) Trichloroethene	9.353	130	64796	18.382	ug/l	94
45) 1,2-Dichloropropane	9.630	63	58696	19.277	ug/l	94
46) Dibromomethane	9.706	93	43699	19.349	ug/l	99
47) Bromodichloromethane	9.888	83	86835	19.607	ug/l	98
48) Methyl methacrylate	9.683	41	49643	20.512	ug/l	97
49) 1,4-Dioxane	9.694	88	23440	393.951	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	336429	103.525	ug/l	97
52) Toluene	10.630	92	161094	19.768	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	84076	19.393	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	93401	19.622	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	63506	19.854	ug/l	97
56) Ethyl methacrylate	10.877	69	85461	20.115	ug/l	97
57) 1,3-Dichloropropane	11.165	76	103554	19.737	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	126725	93.685	ug/l	99
59) 2-Hexanone	11.200	43	244094	102.996	ug/l	100
60) Dibromochloromethane	11.359	129	71325	20.051	ug/l	98
61) 1,2-Dibromoethane	11.471	107	62655	19.357	ug/l	99
64) Tetrachloroethene	11.106	164	68356	21.809	ug/l	99
65) Chlorobenzene	11.894	112	170658	18.667	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	64372	19.010	ug/l	98
67) Ethyl Benzene	11.965	91	298062	19.317	ug/l	98
68) m/p-Xylenes	12.071	106	241234	39.501	ug/l	99
69) o-Xylene	12.400	106	119514	19.775	ug/l	100
70) Styrene	12.412	104	192297	20.012	ug/l	100
71) Bromoform	12.582	173	49431	20.061	ug/l #	99
73) Isopropylbenzene	12.700	105	305011	20.075	ug/l	99
74) N-amyl acetate	12.494	43	91488	20.526	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	87728	18.678	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	86272m	20.356	ug/l	
77) Bromobenzene	12.982	156	74706	19.429	ug/l	99
78) n-propylbenzene	13.035	91	341622	20.386	ug/l	99
79) 2-Chlorotoluene	13.129	91	205217	19.618	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	256579	20.177	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	23666	20.100	ug/l	94
82) 4-Chlorotoluene	13.129	91	205217	19.618	ug/l	100
83) tert-Butylbenzene	13.441	119	229616	20.480	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	257168	20.386	ug/l	98
85) sec-Butylbenzene	13.618	105	316592	20.459	ug/l	100
86) p-Isopropyltoluene	13.729	119	264727	20.559	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	135069	19.017	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	134609	18.552	ug/l	98
89) n-Butylbenzene	14.059	91	204918	19.644	ug/l	98
90) Hexachloroethane	14.335	117	45712	19.846	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	138370	19.778	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16117	19.338	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	63493	18.331	ug/l	98
94) Hexachlorobutadiene	15.506	225	34666	18.345	ug/l	99
95) Naphthalene	15.641	128	184924	17.635	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	61836	19.101	ug/l	99

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

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