

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082123\
 Data File : VN078978.D
 Acq On : 21 Aug 2023 17:34
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/22/2023
 Supervised By : Mahesh Dadoda 08/22/2023

Quant Time: Aug 22 01:00:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	143964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	279593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	246427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	144771	64.624	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 129.240%#			
35) Dibromofluoromethane	8.171	113	108023	57.396	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.800%			
50) Toluene-d8	10.571	98	328758	47.044	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.080%			
62) 4-Bromofluorobenzene	12.853	95	111277	48.716	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	70135	35.110	ug/l	99
3) Chloromethane	2.365	50	128371	46.028	ug/l	96
4) Vinyl Chloride	2.512	62	112362	45.938	ug/l	99
5) Bromomethane	2.918	94	78260	55.729	ug/l	98
6) Chloroethane	3.101	64	82690	48.360	ug/l	95
7) Trichlorofluoromethane	3.489	101	119412	40.083	ug/l	92
8) Diethyl Ether	3.959	74	74937	66.352	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.371	101	58217	36.692	ug/l	95
10) Methyl Iodide	4.589	142	113233	63.785	ug/l	99
11) Tert butyl alcohol	5.536	59	129567	344.676	ug/l #	87
12) 1,1-Dichloroethene	4.330	96	71980	46.572	ug/l	82
13) Acrolein	4.189	56	79731	Below Cal		95
14) Allyl chloride	5.024	41	148248	48.193	ug/l #	86
15) Acrylonitrile	5.724	53	348614	342.328	ug/l	99
16) Acetone	4.430	43	297296	321.630	ug/l #	87
17) Carbon Disulfide	4.706	76	202956	46.912	ug/l	100
18) Methyl Acetate	5.024	43	256638	65.723	ug/l #	80
19) Methyl tert-butyl Ether	5.800	73	374413	67.250	ug/l	98
20) Methylene Chloride	5.271	84	119671	60.752	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	93153	53.748	ug/l	87
22) Diisopropyl ether	6.677	45	406612	62.483	ug/l #	89
23) Vinyl Acetate	6.606	43	1423103	332.123	ug/l #	85
24) 1,1-Dichloroethane	6.565	63	201890	56.789	ug/l	98
25) 2-Butanone	7.489	43	489869	330.553	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	105677	36.775	ug/l	95
27) cis-1,2-Dichloroethene	7.489	96	116667	55.383	ug/l	88
28) Bromochloromethane	7.818	49	122518	64.966	ug/l #	71
29) Tetrahydrofuran	7.841	42	337269	343.833	ug/l #	72
30) Chloroform	7.971	83	208484	58.700	ug/l	97
31) Cyclohexane	8.259	56	101796	35.680	ug/l	83
32) 1,1,1-Trichloroethane	8.171	97	146771	48.464	ug/l	93
36) 1,1-Dichloropropene	8.377	75	110242	38.939	ug/l	96
37) Ethyl Acetate	7.565	43	207209	65.415	ug/l #	89
38) Carbon Tetrachloride	8.371	117	115427	40.690	ug/l	97
39) Methylcyclohexane	9.606	83	76826	29.506	ug/l #	85
40) Benzene	8.612	78	426448	50.961	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	113934	66.041	ug/l #	79
42) 1,2-Dichloroethane	8.677	62	182918	58.509	ug/l	98
43) Isopropyl Acetate	8.694	43	340929	60.894	ug/l #	85
44) Trichloroethene	9.359	130	90832	45.682	ug/l	94
45) 1,2-Dichloropropane	9.624	63	122056	54.784	ug/l	94
46) Dibromomethane	9.712	93	91135	59.637	ug/l	96
47) Bromodichloromethane	9.894	83	171995	56.998	ug/l	99
48) Methyl methacrylate	9.688	41	158740	62.568	ug/l #	75
49) 1,4-Dioxane	9.700	88	60374	1397.100	ug/l #	85
51) 4-Methyl-2-Pentanone	10.453	43	1033453	311.222	ug/l #	86
52) Toluene	10.635	92	235098	45.759	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	176280	54.474	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	184654	52.393	ug/l #	80
55) 1,1,2-Trichloroethane	11.024	97	121632	59.044	ug/l	93
56) Ethyl methacrylate	10.877	69	197642	61.892	ug/l #	75
57) 1,3-Dichloropropane	11.171	76	208949	56.708	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	430823	281.054	ug/l	89
59) 2-Hexanone	11.200	43	772341	321.122	ug/l	83
60) Dibromochloromethane	11.365	129	127236	58.694	ug/l	96
61) 1,2-Dibromoethane	11.471	107	125662	60.027	ug/l	100
64) Tetrachloroethene	11.112	164	65954	42.678	ug/l	89
65) Chlorobenzene	11.894	112	250112	47.681	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	106776	53.863	ug/l	96
67) Ethyl Benzene	11.971	91	388874	40.766	ug/l	99
68) m/p-Xylenes	12.077	106	310811	87.147	ug/l	99
69) o-Xylene	12.400	106	157474	45.389	ug/l	97
70) Styrene	12.418	104	273402	47.260	ug/l	99
71) Bromoform	12.582	173	91810	63.704	ug/l #	99
73) Isopropylbenzene	12.700	105	333539	39.927	ug/l	99
74) N-amyl acetate	12.500	43	259031	61.430	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	188589	62.523	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	150741m	62.444	ug/l	
77) Bromobenzene	12.982	156	102146	50.870	ug/l	90
78) n-propylbenzene	13.041	91	383697	39.609	ug/l	98
79) 2-Chlorotoluene	13.129	91	256570	42.698	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	276662	41.791	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	58877	62.305	ug/l	87
82) 4-Chlorotoluene	13.224	91	253281	43.077	ug/l	99
83) tert-Butylbenzene	13.441	119	222126	39.935	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	284600	43.417	ug/l	98
85) sec-Butylbenzene	13.623	105	281835	36.818	ug/l	100
86) p-Isopropyltoluene	13.735	119	232753	38.058	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	157725	45.648	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	157112	45.429	ug/l	97
89) n-Butylbenzene	14.065	91	177273	35.222	ug/l	98
90) Hexachloroethane	14.341	117	47410	38.672	ug/l	82
91) 1,2-Dichlorobenzene	14.112	146	164412	47.848	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.729	75	32257	66.061	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	51244	42.068	ug/l	97
94) Hexachlorobutadiene	15.500	225	23861	35.954	ug/l	93
95) Naphthalene	15.647	128	197077	43.063	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	58903	44.150	ug/l	94

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

