

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080723\
 Data File : VN078787.D
 Acq On : 07 Aug 2023 20:28
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 08 05:18:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/08/2023
 Supervised By : Semsettin Yesilyurt 08/08/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	160915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	282301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	234079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	14014	5.809	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.620%#		
35) Dibromofluoromethane	8.177	113	10883	5.709	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.420%#		
50) Toluene-d8	10.571	98	36845	5.252	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.500%#		
62) 4-Bromofluorobenzene	12.859	95	10064	4.800	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.600%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	12538	5.280	ug/l	87
3) Chloromethane	2.371	50	15427	5.569	ug/l	94
4) Vinyl Chloride	2.518	62	13854	5.297	ug/l	96
5) Bromomethane	2.948	94	11095	5.990	ug/l #	79
6) Chloroethane	3.118	64	9401	5.466	ug/l #	71
7) Trichlorofluoromethane	3.495	101	19567	5.446	ug/l	89
8) Diethyl Ether	3.965	74	6611	5.043	ug/l #	15
9) 1,1,2-Trichlorotrifluo...	4.377	101	9723	5.196	ug/l	92
10) Methyl Iodide	4.594	142	11103	4.621	ug/l	93
11) Tert butyl alcohol	5.541	59	12936	30.554	ug/l #	91
12) 1,1-Dichloroethene	4.347	96	9670	5.142	ug/l #	89
13) Acrolein	4.194	56	9707	27.098	ug/l	93
14) Allyl chloride	5.018	41	15250	4.870	ug/l #	85
15) Acrylonitrile	5.747	53	27855	25.264	ug/l	98
16) Acetone	4.447	43	25657	27.642	ug/l #	82
17) Carbon Disulfide	4.712	76	28485	5.310	ug/l #	84
18) Methyl Acetate	5.042	43	21736	5.214	ug/l #	80
19) Methyl tert-butyl Ether	5.812	73	31163	4.905	ug/l #	88
20) Methylene Chloride	5.277	84	12857	5.593	ug/l #	90
21) trans-1,2-Dichloroethene	5.789	96	11158m	5.302	ug/l	
22) Diisopropyl ether	6.688	45	36245	4.818	ug/l #	86
23) Vinyl Acetate	6.618	43	114515	24.257	ug/l #	83
24) 1,1-Dichloroethane	6.583	63	19914	4.868	ug/l	93
25) 2-Butanone	7.494	43	38418	24.443	ug/l #	73
26) 2,2-Dichloropropane	7.494	77	13806	4.833	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	11977	4.957	ug/l	84
28) Bromochloromethane	7.830	49	11441	5.161	ug/l #	70
29) Tetrahydrofuran	7.853	42	25985	24.706	ug/l #	72
30) Chloroform	7.977	83	21405	5.196	ug/l #	76
31) Cyclohexane	8.259	56	19971	5.634	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	17203	4.912	ug/l	96
36) 1,1-Dichloropropene	8.382	75	14774	4.995	ug/l	97
37) Ethyl Acetate	7.571	43	14625	4.651	ug/l #	93
38) Carbon Tetrachloride	8.371	117	14809	4.857	ug/l #	93
39) Methylcyclohexane	9.612	83	13579	4.915	ug/l	88
40) Benzene	8.612	78	44677	4.994	ug/l	96

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41) Methacrylonitrile	7.788	41	9444	5.401	ug/l #	72
42) 1,2-Dichloroethane	8.677	62	16228	5.047	ug/l	90
43) Isopropyl Acetate	8.694	43	25517	4.813	ug/l #	91
44) Trichloroethene	9.359	130	11463	5.232	ug/l	95
45) 1,2-Dichloropropane	9.629	63	11553	4.817	ug/l	98
46) Dibromomethane	9.712	93	8141	5.101	ug/l	90
47) Bromodichloromethane	9.894	83	16227	5.108	ug/l #	79
48) Methyl methacrylate	9.688	41	11615	4.741	ug/l #	80
49) 1,4-Dioxane	9.700	88	3534	88.840	ug/l #	59
51) 4-Methyl-2-Pentanone	10.453	43	76252	23.481	ug/l #	86
52) Toluene	10.635	92	26560	4.862	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	15550	4.791	ug/l #	87
54) cis-1,3-Dichloropropene	10.323	75	17137	4.859	ug/l	90
55) 1,1,2-Trichloroethane	11.023	97	11415	5.256	ug/l	93
56) Ethyl methacrylate	10.876	69	13702	4.351	ug/l #	66
57) 1,3-Dichloropropane	11.171	76	19059	5.048	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	24708	21.855	ug/l	93
59) 2-Hexanone	11.200	43	53299	23.179	ug/l	81
60) Dibromochloromethane	11.359	129	11065	4.855	ug/l	93
61) 1,2-Dibromoethane	11.476	107	10857	5.048	ug/l	92
64) Tetrachloroethene	11.112	164	9041	5.013	ug/l	92
65) Chlorobenzene	11.900	112	25917	4.862	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.965	131	10504	5.088	ug/l	93
67) Ethyl Benzene	11.970	91	46818	4.931	ug/l	94
68) m/p-Xylenes	12.082	106	33096	9.448	ug/l	96
69) o-Xylene	12.406	106	15679	4.560	ug/l	94
70) Styrene	12.417	104	22719	4.210	ug/l	95
71) Bromoform	12.588	173	7033	4.884	ug/l #	92
73) Isopropylbenzene	12.706	105	37273	5.384	ug/l	99
74) N-amyl acetate	12.500	43	17403	5.541	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.947	83	14027	5.962	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	12033m	6.327	ug/l	
77) Bromobenzene	12.994	156	9146	5.630	ug/l	98
78) n-propylbenzene	13.041	91	41208	5.415	ug/l	99
79) 2-Chlorotoluene	13.135	91	28801	5.891	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	31400	5.662	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.747	75	3483	4.914	ug/l #	69
82) 4-Chlorotoluene	13.229	91	23932	5.351	ug/l	97
83) tert-Butylbenzene	13.441	119	25405	5.500	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	27443	5.149	ug/l	98
85) sec-Butylbenzene	13.617	105	32965	5.458	ug/l	92
86) p-Isopropyltoluene	13.735	119	26553	5.529	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	13402	5.166	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	13027	5.065	ug/l	93
89) n-Butylbenzene	14.059	91	19106	5.302	ug/l	93
90) Hexachloroethane	14.335	117	5591	5.617	ug/l	65
91) 1,2-Dichlorobenzene	14.111	146	11571	4.630	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1712	4.744	ug/l	84
93) 1,2,4-Trichlorobenzene	15.400	180	2856	4.067	ug/l	95
94) Hexachlorobutadiene	15.511	225	3561	3.105	ug/l	86
95) Naphthalene	15.647	128	11206	4.781	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.853	180	3912	4.678	ug/l	89

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

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