

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101323\
 Data File : VN079563.D
 Acq On : 13 Oct 2023 11:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 13 23:28:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	238696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	424995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	387505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	171254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	196786	50.846	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.700%			
35) Dibromofluoromethane	8.171	113	158284	51.826	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.660%			
50) Toluene-d8	10.571	98	588206	53.227	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.460%			
62) 4-Bromofluorobenzene	12.853	95	194558	54.860	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.720%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	172019	50.292	ug/l	99
3) Chloromethane	2.365	50	192817	45.179	ug/l	99
4) Vinyl Chloride	2.518	62	220829	49.745	ug/l	99
5) Bromomethane	2.936	94	143696	54.072	ug/l	92
6) Chloroethane	3.112	64	146360	43.732	ug/l	97
7) Trichlorofluoromethane	3.495	101	263594	50.291	ug/l	99
8) Diethyl Ether	3.965	74	95842	51.292	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.377	101	153990	50.275	ug/l	97
10) Methyl Iodide	4.589	142	171500	64.525	ug/l	96
11) Tert butyl alcohol	5.518	59	126292	216.808	ug/l #	84
12) 1,1-Dichloroethene	4.348	96	142615	50.569	ug/l	89
13) Acrolein	4.177	56	174363	300.618	ug/l	94
14) Allyl chloride	5.024	41	223426	49.092	ug/l	92
15) Acrylonitrile	5.718	53	420908	249.238	ug/l	99
16) Acetone	4.430	43	390052	254.093	ug/l	98
17) Carbon Disulfide	4.712	76	393985	44.786	ug/l	100
18) Methyl Acetate	5.024	43	344066	45.794	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	489816	53.453	ug/l #	88
20) Methylene Chloride	5.277	84	171846	51.135	ug/l #	82
21) trans-1,2-Dichloroethene	5.783	96	156431	47.491	ug/l	85
22) Diisopropyl ether	6.671	45	552153	54.104	ug/l #	90
23) Vinyl Acetate	6.606	43	1547721	269.616	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	314681	50.383	ug/l	95
25) 2-Butanone	7.489	43	571593	250.876	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	261311	54.746	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	184727	51.623	ug/l	85
28) Bromochloromethane	7.818	49	127190	42.800	ug/l #	73
29) Tetrahydrofuran	7.841	42	368561	250.120	ug/l #	75
30) Chloroform	7.971	83	321558	50.955	ug/l	98
31) Cyclohexane	8.259	56	256307	46.687	ug/l	86
32) 1,1,1-Trichloroethane	8.177	97	272869	51.381	ug/l	95
36) 1,1-Dichloropropene	8.371	75	239338	52.213	ug/l	95
37) Ethyl Acetate	7.565	43	232887	51.059	ug/l #	90
38) Carbon Tetrachloride	8.365	117	237177	51.685	ug/l	98
39) Methylcyclohexane	9.606	83	224183	50.904	ug/l #	87
40) Benzene	8.612	78	704919	51.782	ug/l	98

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41) Methacrylonitrile	7.783	41	119479	49.826	ug/l #	84
42) 1,2-Dichloroethane	8.677	62	251984	50.941	ug/l	97
43) Isopropyl Acetate	8.694	43	401540	50.250	ug/l #	88
44) Trichloroethene	9.359	130	161725	50.474	ug/l	95
45) 1,2-Dichloropropane	9.624	63	188258	52.486	ug/l	96
46) Dibromomethane	9.712	93	120967	52.073	ug/l	96
47) Bromodichloromethane	9.888	83	258141	54.021	ug/l	98
48) Methyl methacrylate	9.682	41	180729	52.779	ug/l #	81
49) 1,4-Dioxane	9.694	88	66990	1062.101	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1168923	259.136	ug/l	89
52) Toluene	10.635	92	431757	53.880	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	268780	55.815	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	289173	54.855	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	169716	52.755	ug/l	96
56) Ethyl methacrylate	10.877	69	256062	57.924	ug/l #	82
57) 1,3-Dichloropropane	11.171	76	300536	54.101	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	524741	309.954	ug/l #	88
59) 2-Hexanone	11.200	43	854575	262.537	ug/l	87
60) Dibromochloromethane	11.365	129	179268	55.445	ug/l	100
61) 1,2-Dibromoethane	11.471	107	164901	51.651	ug/l	97
64) Tetrachloroethene	11.106	164	130451	48.936	ug/l	98
65) Chlorobenzene	11.894	112	446120	51.695	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	170838	54.067	ug/l	98
67) Ethyl Benzene	11.965	91	828973	55.266	ug/l	96
68) m/p-Xylenes	12.076	106	623724	114.444	ug/l	96
69) o-Xylene	12.400	106	297513	55.508	ug/l	94
70) Styrene	12.418	104	496118	58.601	ug/l	97
71) Bromoform	12.582	173	120954	52.303	ug/l #	98
73) Isopropylbenzene	12.700	105	762725	47.873	ug/l	100
74) N-amyl acetate	12.500	43	318132	48.707	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	252335	49.046	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	225070m	45.582	ug/l	
77) Bromobenzene	12.982	156	174527	44.675	ug/l	94
78) n-propylbenzene	13.041	91	912565	50.625	ug/l	97
79) 2-Chlorotoluene	13.129	91	542469	47.029	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	626280	49.850	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	76725	45.086	ug/l #	85
82) 4-Chlorotoluene	13.223	91	538210	49.034	ug/l	99
83) tert-Butylbenzene	13.441	119	498589	48.439	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	630093	52.553	ug/l	100
85) sec-Butylbenzene	13.618	105	718290	50.030	ug/l	99
86) p-Isopropyltoluene	13.735	119	582373	52.875	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	314828	50.811	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	306472	47.903	ug/l	99
89) n-Butylbenzene	14.059	91	476520	54.178	ug/l	98
90) Hexachloroethane	14.335	117	112466	50.303	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	302537	50.057	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	39741	43.137	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	101406	54.174	ug/l	96
94) Hexachlorobutadiene	15.506	225	66394	45.541	ug/l	98
95) Naphthalene	15.647	128	275291	48.161	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	108338	48.500	ug/l	98

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

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