

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079815.D
 Acq On : 03 Nov 2023 00:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 03 04:09:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/03/2023
 Supervised By :Mahesh Dadoda 11/03/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	290886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	502581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	463234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	219572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	251706	56.796	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.600%			
35) Dibromofluoromethane	8.171	113	197623	55.558	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.120%			
50) Toluene-d8	10.571	98	735237	56.147	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.300%			
62) 4-Bromofluorobenzene	12.847	95	252664	58.179	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.360%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	189258	54.015	ug/l	100
3) Chloromethane	2.359	50	215692	49.460	ug/l	98
4) Vinyl Chloride	2.512	62	225927	49.260	ug/l	99
5) Bromomethane	2.947	94	147617	52.972	ug/l	91
6) Chloroethane	3.118	64	170749	47.116	ug/l	99
7) Trichlorofluoromethane	3.500	101	291447	51.091	ug/l	100
8) Diethyl Ether	3.965	74	104813	48.418	ug/l	59
9) 1,1,2-Trichlorotrifluo...	4.371	101	166309	50.292	ug/l	99
10) Methyl Iodide	4.589	142	179620	47.564	ug/l	100
11) Tert butyl alcohol	5.518	59	125309	221.500	ug/l	99
12) 1,1-Dichloroethene	4.342	96	157961	50.450	ug/l	86
13) Acrolein	4.177	56	131350	312.022	ug/l	97
14) Allyl chloride	5.024	41	250398	52.214	ug/l #	90
15) Acrylonitrile	5.718	53	454003	257.515	ug/l	98
16) Acetone	4.424	43	370049	237.715	ug/l	96
17) Carbon Disulfide	4.712	76	446863	49.478	ug/l	98
18) Methyl Acetate	5.024	43	376263	50.521	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	553089	51.308	ug/l #	91
20) Methylene Chloride	5.277	84	197342	50.240	ug/l #	81
21) trans-1,2-Dichloroethene	5.788	96	182496	52.261	ug/l #	81
22) Diisopropyl ether	6.671	45	638000	57.408	ug/l #	90
23) Vinyl Acetate	6.606	43	1665350	271.664	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	369041	54.634	ug/l	96
25) 2-Butanone	7.482	43	598382	262.499	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	259176	46.394	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	218236	52.246	ug/l	86
28) Bromochloromethane	7.818	49	190190	57.776	ug/l #	75
29) Tetrahydrofuran	7.835	42	406888	274.348	ug/l #	74
30) Chloroform	7.971	83	380077	51.801	ug/l	94
31) Cyclohexane	8.259	56	303359	51.802	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	321347	53.751	ug/l	92
36) 1,1-Dichloropropene	8.377	75	283011	55.723	ug/l	94
37) Ethyl Acetate	7.559	43	248736	53.400	ug/l #	91
38) Carbon Tetrachloride	8.365	117	276516	54.022	ug/l	98
39) Methylcyclohexane	9.606	83	259654	54.324	ug/l	90
40) Benzene	8.606	78	834645	54.867	ug/l	99

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41) Methacrylonitrile	7.777	41	137377	55.540	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	297987	56.080	ug/l	97
43) Isopropyl Acetate	8.688	43	412664	50.518	ug/l #	91
44) Trichloroethene	9.353	130	194721	51.585	ug/l	97
45) 1,2-Dichloropropane	9.624	63	222665	57.277	ug/l	99
46) Dibromomethane	9.712	93	143617	54.104	ug/l	94
47) Bromodichloromethane	9.888	83	303310	53.578	ug/l	95
48) Methyl methacrylate	9.682	41	206241	57.642	ug/l #	80
49) 1,4-Dioxane	9.700	88	63785	1008.900	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1308130	284.446	ug/l	89
52) Toluene	10.635	92	511481	56.716	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	301969	54.412	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	332820	55.020	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	201608	55.580	ug/l	94
56) Ethyl methacrylate	10.876	69	294975	57.011	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	357435	55.904	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	692085	263.915	ug/l	89
59) 2-Hexanone	11.200	43	930897	264.600	ug/l	88
60) Dibromochloromethane	11.359	129	211401	54.447	ug/l	99
61) 1,2-Dibromoethane	11.470	107	196043	53.848	ug/l	98
64) Tetrachloroethene	11.106	164	167930	55.974	ug/l	99
65) Chlorobenzene	11.894	112	535494	53.291	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	198463	54.819	ug/l	96
67) Ethyl Benzene	11.965	91	973284	55.594	ug/l	95
68) m/p-Xylenes	12.076	106	726218	111.355	ug/l	93
69) o-Xylene	12.400	106	346994	55.254	ug/l	91
70) Styrene	12.412	104	599714	59.422	ug/l	98
71) Bromoform	12.582	173	141089	54.882	ug/l #	100
73) Isopropylbenzene	12.700	105	884956	53.105	ug/l	99
74) N-amyl acetate	12.494	43	359408	49.412	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	289540	49.005	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	253638m	49.203	ug/l	
77) Bromobenzene	12.982	156	213275	52.275	ug/l	95
78) n-propylbenzene	13.041	91	1062040	55.654	ug/l	97
79) 2-Chlorotoluene	13.129	91	644863	52.898	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	726329	56.021	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	85143	44.939	ug/l #	77
82) 4-Chlorotoluene	13.223	91	643613	53.129	ug/l	99
83) tert-Butylbenzene	13.441	119	581260	54.770	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	734460	57.578	ug/l	99
85) sec-Butylbenzene	13.617	105	829107	56.388	ug/l	99
86) p-Isopropyltoluene	13.729	119	684666	57.114	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	394715	52.007	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	394787	51.246	ug/l	99
89) n-Butylbenzene	14.059	91	576130	55.799	ug/l	98
90) Hexachloroethane	14.335	117	126541	53.300	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	376651	52.571	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	50528	50.429	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	177896	52.219	ug/l	99
94) Hexachlorobutadiene	15.506	225	79231	51.304	ug/l	98
95) Naphthalene	15.641	128	532730	46.112	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	168061	50.327	ug/l	96

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

