

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079866.D
 Acq On : 04 Nov 2023 00:03
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 04 04:44:20 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	281265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	494437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	450225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211613	50.000	ug/l	0.00

11/04/2023
 Supervised By :Mahesh
 adoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	242963	56.699	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.400%	
35) Dibromofluoromethane	8.171	113	187268	53.514	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.020%	
50) Toluene-d8	10.570	98	700194	54.352	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.700%	
62) 4-Bromofluorobenzene	12.853	95	240658	56.327	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.660%	

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Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	181967	53.711	ug/l	94
3) Chloromethane	2.365	50	211558	50.210	ug/l	96
4) Vinyl Chloride	2.512	62	268312	60.502	ug/l	99
5) Bromomethane	2.947	94	156557	58.102	ug/l	98
6) Chloroethane	3.112	64	178412	50.915	ug/l	99
7) Trichlorofluoromethane	3.494	101	291227	52.799	ug/l	99
8) Diethyl Ether	3.959	74	111387	53.215	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	168976	52.846	ug/l	99
10) Methyl Iodide	4.589	142	187927	51.466	ug/l	97
11) Tert butyl alcohol	5.524	59	132375	241.994	ug/l	98
12) 1,1-Dichloroethene	4.341	96	156545	51.708	ug/l #	81
13) Acrolein	4.177	56	123986	301.925	ug/l	95
14) Allyl chloride	5.024	41	258085	55.658	ug/l #	90
15) Acrylonitrile	5.718	53	458061	268.704	ug/l	98
16) Acetone	4.424	43	373099	247.872	ug/l	91
17) Carbon Disulfide	4.712	76	442396	50.659	ug/l	100
18) Methyl Acetate	5.024	43	381734	53.009	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	561928	53.911	ug/l #	90
20) Methylene Chloride	5.277	84	202439	53.301	ug/l #	82
21) trans-1,2-Dichloroethene	5.783	96	180858	53.563	ug/l #	82
22) Diisopropyl ether	6.671	45	646828	60.193	ug/l #	91
23) Vinyl Acetate	6.606	43	1678864	283.237	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	375583	57.504	ug/l	97
25) 2-Butanone	7.482	43	602676	273.427	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	262523	48.600	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	221465	54.832	ug/l	87
28) Bromochloromethane	7.812	49	190050	59.708	ug/l #	75
29) Tetrahydrofuran	7.841	42	403760	281.552	ug/l #	74
30) Chloroform	7.965	83	384285	54.166	ug/l	95
31) Cyclohexane	8.259	56	299990	52.979	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	322007	55.704	ug/l #	92
36) 1,1-Dichloropropene	8.377	75	273897	54.817	ug/l	95
37) Ethyl Acetate	7.565	43	247826	54.081	ug/l #	92
38) Carbon Tetrachloride	8.365	117	281935	55.988	ug/l	98
39) Methylcyclohexane	9.606	83	259439	55.173	ug/l #	83
40) Benzene	8.606	78	836573	55.900	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.777	41	139239	57.220	ug/l	#	86
42) 1,2-Dichloroethane	8.671	62	307487	58.821	ug/l		99
43) Isopropyl Acetate	8.688	43	417020	51.892	ug/l	#	92
44) Trichloroethene	9.353	130	199150	53.627	ug/l		97
45) 1,2-Dichloropropane	9.623	63	225385	58.931	ug/l		97
46) Dibromomethane	9.712	93	144372	55.285	ug/l		94
47) Bromodichloromethane	9.894	83	308082	55.317	ug/l		100
48) Methyl methacrylate	9.682	41	205907	58.497	ug/l	#	80
49) 1,4-Dioxane	9.700	88	67582	1086.565	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.447	43	1311133	289.795	ug/l		89
52) Toluene	10.635	92	509503	57.427	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	306704	56.175	ug/l		97
54) cis-1,3-Dichloropropene	10.318	75	339018	56.968	ug/l	#	90
55) 1,1,2-Trichloroethane	11.018	97	199897	56.016	ug/l		97
56) Ethyl methacrylate	10.876	69	291337	57.235	ug/l	#	81
57) 1,3-Dichloropropane	11.165	76	361484	57.468	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.165	63	704404	273.037	ug/l		89
59) 2-Hexanone	11.200	43	929535	268.565	ug/l		87
60) Dibromochloromethane	11.365	129	216441	56.663	ug/l		99
61) 1,2-Dibromoethane	11.470	107	197415	55.118	ug/l		98
64) Tetrachloroethene	11.106	164	179480	61.552	ug/l		98
65) Chlorobenzene	11.894	112	532176	54.491	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.965	131	199667	56.745	ug/l		96
67) Ethyl Benzene	11.965	91	972988	57.183	ug/l		96
68) m/p-Xylenes	12.076	106	730029	115.174	ug/l		95
69) o-Xylene	12.400	106	351304	57.557	ug/l		93
70) Styrene	12.412	104	595055	60.664	ug/l		98
71) Bromoform	12.582	173	141584	56.666	ug/l	#	100
73) Isopropylbenzene	12.700	105	872106	54.303	ug/l		100
74) N-amyl acetate	12.500	43	353592	50.441	ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	283068	49.711	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	255577m	51.444	ug/l		
77) Bromobenzene	12.982	156	211956	53.906	ug/l		95
78) n-propylbenzene	13.041	91	1055048	57.367	ug/l		97
79) 2-Chlorotoluene	13.129	91	642181	54.659	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	722919	57.856	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	95139	52.103	ug/l	#	92
82) 4-Chlorotoluene	13.223	91	632023	54.135	ug/l		100
83) tert-Butylbenzene	13.441	119	582587	56.960	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	737796	60.015	ug/l		100
85) sec-Butylbenzene	13.617	105	825954	58.287	ug/l		99
86) p-Isopropyltoluene	13.729	119	686422	59.414	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	387459	52.971	ug/l		98
88) 1,4-Dichlorobenzene	13.811	146	385190	51.881	ug/l		99
89) n-Butylbenzene	14.059	91	581062	58.393	ug/l		98
90) Hexachloroethane	14.335	117	124641	54.475	ug/l		86
91) 1,2-Dichlorobenzene	14.106	146	377192	54.626	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	49082	50.828	ug/l		99
93) 1,2,4-Trichlorobenzene	15.394	180	175197	53.361	ug/l		97
94) Hexachlorobutadiene	15.505	225	80113	53.826	ug/l		100
95) Naphthalene	15.641	128	523310	47.000	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	168191	52.260	ug/l		97

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

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