

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079834.D
 Acq On : 03 Nov 2023 08:43
 Operator : JC\MD
 Sample : 05222-10MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-02D-20231101MS

Quant Time: Nov 03 09:04:28 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	8.224	168	260654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	472907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	428697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	194683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	229114	57.695	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.380%			
35) Dibromofluoromethane	8.171	113	178333	53.281	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.560%			
50) Toluene-d8	10.571	98	626555	50.850	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.700%			
62) 4-Bromofluorobenzene	12.853	95	207180	50.699	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	153550	48.907	ug/l	99
3) Chloromethane	2.365	50	201848	51.777	ug/l	97
4) Vinyl Chloride	2.512	62	248712	60.517	ug/l	98
5) Bromomethane	2.953	94	142002	56.867	ug/l	99
6) Chloroethane	3.118	64	169347	52.149	ug/l	99
7) Trichlorofluoromethane	3.500	101	246390	48.202	ug/l	98
8) Diethyl Ether	3.959	74	106852	55.085	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	126388	42.652	ug/l	100
10) Methyl Iodide	4.589	142	159900	47.253	ug/l	97
11) Tert butyl alcohol	5.518	59	119192	235.124	ug/l	97
12) 1,1-Dichloroethene	4.336	96	138498	49.364	ug/l #	82
13) Acrolein	4.177	56	127043	347.779	ug/l	98
14) Allyl chloride	5.024	41	229769	53.469	ug/l #	90
15) Acrylonitrile	5.718	53	455536	288.354	ug/l	100
16) Acetone	4.424	43	348948	250.159	ug/l	93
17) Carbon Disulfide	4.712	76	382322	47.242	ug/l	98
18) Methyl Acetate	5.018	43	331199	49.628	ug/l #	83
19) Methyl tert-butyl Ether	5.794	73	533290	55.209	ug/l	93
20) Methylene Chloride	5.277	84	184922	52.539	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	161867	51.729	ug/l #	79
22) Diisopropyl ether	6.671	45	603663	60.618	ug/l #	90
23) Vinyl Acetate	6.606	43	1445631	263.174	ug/l #	85
24) 1,1-Dichloroethane	6.565	63	345190	57.030	ug/l	97
25) 2-Butanone	7.483	43	589305	288.502	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	205523	41.057	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	199240	53.230	ug/l	86
28) Bromochloromethane	7.812	49	177209	60.076	ug/l #	76
29) Tetrahydrofuran	7.835	42	389884	293.374	ug/l #	75
30) Chloroform	7.965	83	353061	53.700	ug/l	97
31) Cyclohexane	8.259	56	214764	40.927	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	281033	52.460	ug/l #	92
36) 1,1-Dichloropropene	8.371	75	234383	49.044	ug/l	94
37) Ethyl Acetate	7.565	43	218727	49.904	ug/l #	91
38) Carbon Tetrachloride	8.365	117	239464	49.719	ug/l	99
39) Methylcyclohexane	9.600	83	176610	39.268	ug/l #	84
40) Benzene	8.606	78	748536	52.294	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	136784	58.770	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	286518	57.305	ug/l	98
43) Isopropyl Acetate	8.688	43	376480	48.980	ug/l #	91
44) Trichloroethene	9.353	130	176350	49.650	ug/l	99
45) 1,2-Dichloropropane	9.624	63	205769	56.252	ug/l	98
46) Dibromomethane	9.712	93	137228	54.941	ug/l	95
47) Bromodichloromethane	9.888	83	282940	53.116	ug/l	99
48) Methyl methacrylate	9.682	41	197320	58.609	ug/l #	78
49) 1,4-Dioxane	9.694	88	58986	991.537	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1249602	288.769	ug/l	89
52) Toluene	10.629	92	439694	51.815	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	265580	50.858	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	283474	49.803	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	188876	55.338	ug/l	96
56) Ethyl methacrylate	10.876	69	272672	56.007	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	333367	55.411	ug/l	100
59) 2-Hexanone	11.194	43	899480	271.713	ug/l	88
60) Dibromochloromethane	11.359	129	198193	54.248	ug/l	100
61) 1,2-Dibromoethane	11.471	107	183338	53.518	ug/l	98
64) Tetrachloroethene	11.106	164	134300	48.371	ug/l	96
65) Chlorobenzene	11.894	112	453323	48.748	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	178268	53.207	ug/l	98
67) Ethyl Benzene	11.965	91	795052	49.072	ug/l	94
68) m/p-Xylenes	12.070	106	593885	98.400	ug/l	95
69) o-Xylene	12.400	106	295535	50.851	ug/l	94
70) Styrene	12.412	104	500777	53.616	ug/l	97
71) Bromoform	12.582	173	132836	55.835	ug/l #	99
73) Isopropylbenzene	12.694	105	693036	46.905	ug/l	100
74) N-amyl acetate	12.494	43	301992	46.826	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	271959	51.914	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	232491m	50.867	ug/l	
77) Bromobenzene	12.982	156	181427	50.154	ug/l	94
78) n-propylbenzene	13.035	91	807897	47.748	ug/l	97
79) 2-Chlorotoluene	13.129	91	516357	47.771	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	579945	50.449	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	73389	43.687	ug/l	86
82) 4-Chlorotoluene	13.223	91	515353	47.980	ug/l	99
83) tert-Butylbenzene	13.441	119	457262	48.595	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	581654	51.428	ug/l	99
85) sec-Butylbenzene	13.617	105	623562	47.831	ug/l	99
86) p-Isopropyltoluene	13.729	119	512296	48.198	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	319443	47.470	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	322504	47.216	ug/l	98
89) n-Butylbenzene	14.059	91	421010	45.988	ug/l	97
90) Hexachloroethane	14.335	117	99109	47.083	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	315967	49.739	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	46849	52.735	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	139580	46.210	ug/l	98
94) Hexachlorobutadiene	15.500	225	60554	44.223	ug/l	99
95) Naphthalene	15.641	128	444868	43.429	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	139297	47.046	ug/l	97

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

