

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079791.D
 Acq On : 02 Nov 2023 12:49
 Operator : JC\MD
 Sample : VN1102WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 02 13:09:35 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	265554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	457675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	425310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	192223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	222192	54.919	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.840%			
35) Dibromofluoromethane	8.165	113	172786	53.342	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.680%			
50) Toluene-d8	10.571	98	641515	53.797	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.600%			
62) 4-Bromofluorobenzene	12.853	95	214860	54.328	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	67396	21.070	ug/l	99
3) Chloromethane	2.360	50	75983	17.034	ug/l	96
4) Vinyl Chloride	2.512	62	83647	19.978	ug/l	95
5) Bromomethane	2.965	94	60228	23.674	ug/l	89
6) Chloroethane	3.124	64	68525	21.029	ug/l	100
7) Trichlorofluoromethane	3.495	101	105401	20.239	ug/l	95
8) Diethyl Ether	3.959	74	40227	20.355	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	62409	20.673	ug/l	99
10) Methyl Iodide	4.589	142	67635	19.619	ug/l	99
11) Tert butyl alcohol	5.518	59	43626	84.403	ug/l	96
12) 1,1-Dichloroethene	4.342	96	57171	20.001	ug/l	88
13) Acrolein	4.183	56	44822	106.098	ug/l	93
14) Allyl chloride	5.024	41	87515	18.973	ug/l	89
15) Acrylonitrile	5.718	53	162911	101.220	ug/l	98
16) Acetone	4.430	43	147155	103.548	ug/l #	88
17) Carbon Disulfide	4.718	76	160888	19.513	ug/l	98
18) Methyl Acetate	5.030	43	133210	19.592	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	203139	20.642	ug/l	92
20) Methylene Chloride	5.277	84	73836	20.591	ug/l #	77
21) trans-1,2-Dichloroethene	5.789	96	64443	20.215	ug/l #	80
22) Diisopropyl ether	6.677	45	230322	22.701	ug/l #	90
23) Vinyl Acetate	6.606	43	607593	105.433	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	133879	21.710	ug/l	98
25) 2-Butanone	7.483	43	218022	104.766	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	104327	20.457	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	79183	20.765	ug/l	88
28) Bromochloromethane	7.818	49	68768	22.883	ug/l #	74
29) Tetrahydrofuran	7.836	42	133494	98.596	ug/l #	77
30) Chloroform	7.965	83	138172	20.628	ug/l	96
31) Cyclohexane	8.259	56	105367	19.709	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	114523	20.983	ug/l	95
36) 1,1-Dichloropropene	8.377	75	97549	21.091	ug/l	95
37) Ethyl Acetate	7.565	43	88620	20.892	ug/l #	93
38) Carbon Tetrachloride	8.365	117	98311	21.091	ug/l	95
39) Methylcyclohexane	9.606	83	86436	19.858	ug/l #	80
40) Benzene	8.606	78	294520	21.261	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	48612	21.582	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	113276	23.410	ug/l	98
43) Isopropyl Acetate	8.689	43	145889	19.612	ug/l #	92
44) Trichloroethene	9.353	130	71373	20.763	ug/l	99
45) 1,2-Dichloropropane	9.624	63	82322	23.254	ug/l	99
46) Dibromomethane	9.712	93	52860	21.868	ug/l	93
47) Bromodichloromethane	9.888	83	109445	21.230	ug/l	90
48) Methyl methacrylate	9.683	41	69470	21.321	ug/l #	80
49) 1,4-Dioxane	9.700	88	22606	392.647	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	447412	106.833	ug/l	89
52) Toluene	10.630	92	179040	21.801	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	110483	21.861	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	120720	21.915	ug/l #	92
55) 1,1,2-Trichloroethane	11.018	97	72752	22.025	ug/l	96
56) Ethyl methacrylate	10.877	69	97701	20.736	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	128591	22.085	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	258603	108.290	ug/l	90
59) 2-Hexanone	11.194	43	327279	102.154	ug/l	85
60) Dibromochloromethane	11.359	129	77382	21.885	ug/l	100
61) 1,2-Dibromoethane	11.471	107	72010	21.720	ug/l	97
64) Tetrachloroethene	11.106	164	62527	22.700	ug/l	88
65) Chlorobenzene	11.894	112	190456	20.644	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	71969	21.652	ug/l	97
67) Ethyl Benzene	11.965	91	330463	20.559	ug/l	95
68) m/p-Xylenes	12.071	106	248631	41.524	ug/l	93
69) o-Xylene	12.400	106	117281	20.341	ug/l	95
70) Styrene	12.412	104	199203	21.498	ug/l	97
71) Bromoform	12.582	173	49189	20.840	ug/l #	99
73) Isopropylbenzene	12.700	105	293542	20.121	ug/l	99
74) N-amyl acetate	12.494	43	119281	18.732	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	102104	19.740	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	90320m	20.809	ug/l	
77) Bromobenzene	12.982	156	75436	21.121	ug/l	95
78) n-propylbenzene	13.035	91	354848	21.241	ug/l	98
79) 2-Chlorotoluene	13.129	91	222687	20.866	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	245732	21.650	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	30030	18.105	ug/l #	79
82) 4-Chlorotoluene	13.224	91	222406	20.971	ug/l	99
83) tert-Butylbenzene	13.441	119	190761	20.532	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	245892	22.019	ug/l	98
85) sec-Butylbenzene	13.618	105	267492	20.781	ug/l	99
86) p-Isopropyltoluene	13.729	119	219648	20.930	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	136677	20.571	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	134864	19.960	ug/l	97
89) n-Butylbenzene	14.059	91	176333	19.508	ug/l	98
90) Hexachloroethane	14.335	117	41753	20.089	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	127777	20.372	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.718	75	16655	18.987	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	56530	18.955	ug/l	97
94) Hexachlorobutadiene	15.506	225	27573	20.394	ug/l	98
95) Naphthalene	15.641	128	161961	16.013	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	54166	18.528	ug/l	98

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

