

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080405.D
 Acq On : 08 Dec 2023 14:37
 Operator : JC\MD
 Sample : VN1208WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
 Supervised By :Semsettin Yesilyurt 12/12/2023

Quant Time: Dec 08 22:38:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	225239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	339172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	310737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	178310	47.945	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.900%		
35) Dibromofluoromethane	8.165	113	132040	52.760	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.520%		
50) Toluene-d8	10.570	98	463931	51.425	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.840%		
62) 4-Bromofluorobenzene	12.853	95	177943	52.220	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	60401	18.003	ug/l	99
3) Chloromethane	2.365	50	38042	15.081	ug/l	99
4) Vinyl Chloride	2.518	62	45775	17.148	ug/l	93
5) Bromomethane	2.959	94	31289	17.266	ug/l	98
6) Chloroethane	3.124	64	31174	17.776	ug/l	97
7) Trichlorofluoromethane	3.500	101	106441	19.115	ug/l	98
8) Diethyl Ether	3.959	74	28190	17.407	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	47315	18.590	ug/l	93
10) Methyl Iodide	4.583	142	50545	18.375	ug/l	89
11) Tert butyl alcohol	5.512	59	35814	87.569	ug/l	100
12) 1,1-Dichloroethene	4.341	96	44394	18.648	ug/l	88
13) Acrolein	4.183	56	31702	87.589	ug/l	94
14) Allyl chloride	5.030	41	51247	17.110	ug/l	93
15) Acrylonitrile	5.718	53	93751	85.390	ug/l	97
16) Acetone	4.430	43	90138	72.160	ug/l	99
17) Carbon Disulfide	4.712	76	112514	15.829	ug/l	97
18) Methyl Acetate	5.018	43	69280	17.262	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	154618	18.391	ug/l	99
20) Methylene Chloride	5.283	84	50778	19.411	ug/l	93
21) trans-1,2-Dichloroethene	5.788	96	48737	18.635	ug/l #	75
22) Diisopropyl ether	6.677	45	118864	17.937	ug/l	97
23) Vinyl Acetate	6.606	43	326248	81.893	ug/l	99
24) 1,1-Dichloroethane	6.571	63	89126	18.466	ug/l	99
25) 2-Butanone	7.488	43	114069	76.859	ug/l	96
26) 2,2-Dichloropropane	7.494	77	89894	18.773	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	55961	18.873	ug/l	88
28) Bromochloromethane	7.818	49	28026	14.771	ug/l	93
29) Tetrahydrofuran	7.841	42	66459	83.408	ug/l	96
30) Chloroform	7.971	83	103361	19.160	ug/l	94
31) Cyclohexane	8.259	56	68360	16.902	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	103503	19.674	ug/l	97
36) 1,1-Dichloropropene	8.371	75	72650	20.051	ug/l	95
37) Ethyl Acetate	7.559	43	42406	16.873	ug/l	99
38) Carbon Tetrachloride	8.365	117	98240	21.366	ug/l	94
39) Methylcyclohexane	9.606	83	63573	18.197	ug/l	92
40) Benzene	8.606	78	202811	19.694	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	24695	17.892	ug/l	93
42) 1,2-Dichloroethane	8.676	62	88009	20.889	ug/l	94
43) Isopropyl Acetate	8.688	43	76915	15.727	ug/l	95
44) Trichloroethene	9.353	130	56876	21.055	ug/l	97
45) 1,2-Dichloropropane	9.623	63	46564	19.457	ug/l	98
46) Dibromomethane	9.712	93	37897	20.920	ug/l #	89
47) Bromodichloromethane	9.894	83	82209	20.630	ug/l	99
48) Methyl methacrylate	9.682	41	47503	18.847	ug/l	92
49) 1,4-Dioxane	9.700	88	15114	360.459	ug/l #	94
51) 4-Methyl-2-Pentanone	10.447	43	234253	92.514	ug/l	99
52) Toluene	10.629	92	129726	20.129	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	80313	19.616	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	85952	20.549	ug/l	97
55) 1,1,2-Trichloroethane	11.017	97	51340	20.872	ug/l	98
56) Ethyl methacrylate	10.876	69	49541	19.715	ug/l #	88
57) 1,3-Dichloropropane	11.165	76	86798	20.211	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	98658	69.691	ug/l	100
59) 2-Hexanone	11.200	43	170730	83.911	ug/l	98
60) Dibromochloromethane	11.359	129	63786	21.660	ug/l	99
61) 1,2-Dibromoethane	11.470	107	49549	19.746	ug/l	100
64) Tetrachloroethene	11.106	164	59060	24.905	ug/l	95
65) Chlorobenzene	11.894	112	138380	19.653	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	58952	21.575	ug/l	95
67) Ethyl Benzene	11.964	91	246066	19.639	ug/l	93
68) m/p-Xylenes	12.076	106	186411	40.806	ug/l	91
69) o-Xylene	12.400	106	90493	21.019	ug/l	91
70) Styrene	12.412	104	130448	20.358	ug/l	92
71) Bromoform	12.582	173	43292	21.365	ug/l #	99
73) Isopropylbenzene	12.700	105	230511	19.111	ug/l	100
74) N-amyl acetate	12.494	43	57785	15.362	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	62717	17.373	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	64219m	16.885	ug/l	
77) Bromobenzene	12.982	156	57984	19.067	ug/l	98
78) n-propylbenzene	13.035	91	258074	19.134	ug/l	99
79) 2-Chlorotoluene	13.129	91	169495	19.348	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	202402	19.277	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	19205	17.061	ug/l	90
82) 4-Chlorotoluene	13.223	91	174669	19.463	ug/l	96
83) tert-Butylbenzene	13.441	119	159789	18.977	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	202346	19.571	ug/l	96
85) sec-Butylbenzene	13.617	105	207929	19.521	ug/l	100
86) p-Isopropyltoluene	13.729	119	182271	19.156	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	104132	19.006	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	102389	18.595	ug/l	97
89) n-Butylbenzene	14.058	91	139003	17.454	ug/l	99
90) Hexachloroethane	14.335	117	33985	18.321	ug/l	67
91) 1,2-Dichlorobenzene	14.106	146	99288	18.937	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13832	16.496	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	48682	15.964	ug/l	98
94) Hexachlorobutadiene	15.505	225	29966	17.076	ug/l	98
95) Naphthalene	15.641	128	125930	14.241	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	44530	15.579	ug/l	92

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

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