

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031124\
 Data File : VN081361.D
 Acq On : 11 Mar 2024 14:16
 Operator : JC\MD
 Sample : VN0311WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBSD01

Quant Time: Mar 12 04:53:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	367359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	662912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	600110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	261425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	260576	49.058	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.120%		
35) Dibromofluoromethane	8.165	113	195949	48.246	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.500%		
50) Toluene-d8	10.565	98	759543	50.027	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.060%		
62) 4-Bromofluorobenzene	12.853	95	267057	49.767	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	99.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	94184	19.341	ug/l	95
3) Chloromethane	2.365	50	85142	16.186	ug/l	94
4) Vinyl Chloride	2.518	62	93530	17.044	ug/l	91
5) Bromomethane	2.959	94	58582	15.984	ug/l	91
6) Chloroethane	3.124	64	60068	15.937	ug/l	94
7) Trichlorofluoromethane	3.501	101	141690	17.454	ug/l	96
8) Diethyl Ether	3.965	74	50334	17.599	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	77324	16.727	ug/l	91
10) Methyl Iodide	4.589	142	78481	18.552	ug/l #	95
11) Tert butyl alcohol	5.512	59	70054	75.426	ug/l	98
12) 1,1-Dichloroethene	4.342	96	75281	17.584	ug/l	94
13) Acrolein	4.183	56	90854	82.611	ug/l	100
14) Allyl chloride	5.024	41	111262	17.512	ug/l #	87
15) Acrylonitrile	5.718	53	205293	84.609	ug/l	96
16) Acetone	4.424	43	159093	84.537	ug/l	97
17) Carbon Disulfide	4.718	76	185384	15.172	ug/l	99
18) Methyl Acetate	5.024	43	106180	19.706	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	262832	18.102	ug/l	97
20) Methylene Chloride	5.283	84	84372	17.625	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	78094	16.180	ug/l	95
22) Diisopropyl ether	6.671	45	268945	19.058	ug/l #	93
23) Vinyl Acetate	6.606	43	1021582	89.112	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	156196	18.082	ug/l	98
25) 2-Butanone	7.483	43	266876	84.678	ug/l	92
26) 2,2-Dichloropropane	7.488	77	134041	17.557	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	93112	17.015	ug/l	93
28) Bromochloromethane	7.812	49	59521	16.103	ug/l #	70
29) Tetrahydrofuran	7.841	42	176732	82.235	ug/l #	88
30) Chloroform	7.965	83	159374	17.779	ug/l	99
31) Cyclohexane	8.259	56	139537	17.352	ug/l #	83
32) 1,1,1-Trichloroethane	8.165	97	144782	18.272	ug/l	92
36) 1,1-Dichloropropene	8.371	75	117058	17.865	ug/l	96
37) Ethyl Acetate	7.559	43	113838	17.773	ug/l #	93
38) Carbon Tetrachloride	8.365	117	119832	18.171	ug/l	98
39) Methylcyclohexane	9.600	83	130564	17.314	ug/l	90
40) Benzene	8.606	78	349956	17.893	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	65005	17.972	ug/l	96
42) 1,2-Dichloroethane	8.671	62	126461	18.339	ug/l	98
43) Isopropyl Acetate	8.688	43	197240	17.594	ug/l	96
44) Trichloroethene	9.353	130	91240	18.497	ug/l	92
45) 1,2-Dichloropropane	9.624	63	91190	18.560	ug/l	98
46) Dibromomethane	9.712	93	62086	17.928	ug/l	94
47) Bromodichloromethane	9.888	83	124198	18.474	ug/l #	93
48) Methyl methacrylate	9.682	41	93728	18.914	ug/l	93
49) 1,4-Dioxane	9.694	88	31947	292.492	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	598765	91.982	ug/l	97
52) Toluene	10.629	92	218176	18.467	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	136304	18.738	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	143060	18.218	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	86319	18.424	ug/l	92
56) Ethyl methacrylate	10.877	69	129541	19.256	ug/l	92
57) 1,3-Dichloropropane	11.165	76	152750	18.681	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	343128	94.818	ug/l #	90
59) 2-Hexanone	11.194	43	444233	91.284	ug/l	96
60) Dibromochloromethane	11.359	129	87700	18.176	ug/l	98
61) 1,2-Dibromoethane	11.471	107	86237	17.740	ug/l	97
64) Tetrachloroethene	11.106	164	85845	18.269	ug/l	92
65) Chlorobenzene	11.894	112	227033	17.953	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	83359	18.014	ug/l	96
67) Ethyl Benzene	11.965	91	421274	18.494	ug/l	97
68) m/p-Xylenes	12.071	106	311350	36.318	ug/l	99
69) o-Xylene	12.400	106	156857	18.879	ug/l	97
70) Styrene	12.412	104	252188	19.154	ug/l	99
71) Bromoform	12.576	173	56193	17.491	ug/l #	96
73) Isopropylbenzene	12.694	105	410777	19.459	ug/l	97
74) N-amyl acetate	12.494	43	167789	18.943	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	113236	17.381	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	112681m	18.249	ug/l	
77) Bromobenzene	12.982	156	91084	18.198	ug/l	78
78) n-propylbenzene	13.035	91	491620	19.690	ug/l	97
79) 2-Chlorotoluene	13.129	91	286115	18.747	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	351247	20.129	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	38036	17.191	ug/l #	76
82) 4-Chlorotoluene	13.223	91	282215	18.721	ug/l	95
83) tert-Butylbenzene	13.441	119	285847	19.107	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	351825	19.900	ug/l	97
85) sec-Butylbenzene	13.618	105	420866	19.446	ug/l	94
86) p-Isopropyltoluene	13.729	119	346447	19.960	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	164751	17.432	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	165572	17.528	ug/l	98
89) n-Butylbenzene	14.059	91	307820	19.339	ug/l	97
90) Hexachloroethane	14.335	117	54299	17.869	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	163449	18.026	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25529	18.312	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	91782	18.936	ug/l	99
94) Hexachlorobutadiene	15.506	225	32165	16.060	ug/l	97
95) Naphthalene	15.641	128	360033	20.876	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	93554	19.033	ug/l	99

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

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