

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078895.D
 Acq On : 16 Aug 2023 11:54
 Operator : JC\MD
 Sample : VN0816WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBS01

Quant Time: Aug 17 01:13:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

08/17/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	166980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	298474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	265924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111307	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.582	65	138881	53.450	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.900%	
35) Dibromofluoromethane	8.171	113	105989	52.753	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.500%	
50) Toluene-d8	10.570	98	400053	53.625	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.240%	
62) 4-Bromofluorobenzene	12.853	95	127013	52.088	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.180%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.130	85	39100	16.876	ug/l	91
3) Chloromethane	2.365	50	52777	16.315	ug/l	97
4) Vinyl Chloride	2.512	62	51186	18.043	ug/l	95
5) Bromomethane	2.953	94	32311	19.837	ug/l	95
6) Chloroethane	3.118	64	33992	17.140	ug/l	97
7) Trichlorofluoromethane	3.500	101	62857	18.191	ug/l	93
8) Diethyl Ether	3.965	74	21593	16.484	ug/l #	45
9) 1,1,2-Trichlorotrifluo...	4.371	101	32898	17.876	ug/l	96
10) Methyl Iodide	4.594	142	35143	17.068	ug/l	95
11) Tert butyl alcohol	5.530	59	37578	86.187	ug/l	98
12) 1,1-Dichloroethene	4.341	96	31155	17.379	ug/l #	79
13) Acrolein	4.183	56	24014	91.353	ug/l	97
14) Allyl chloride	5.024	41	58007	16.258	ug/l #	90
15) Acrylonitrile	5.724	53	108442	91.809	ug/l	99
16) Acetone	4.436	43	94096	87.766	ug/l	89
17) Carbon Disulfide	4.718	76	84258	16.791	ug/l	99
18) Methyl Acetate	5.030	43	80619	17.800	ug/l #	79
19) Methyl tert-butyl Ether	5.794	73	116018	17.966	ug/l	94
20) Methylene Chloride	5.283	84	40185	17.588	ug/l #	76
21) trans-1,2-Dichloroethene	5.794	96	35156	17.489	ug/l #	76
22) Diisopropyl ether	6.682	45	141196	18.706	ug/l #	89
23) Vinyl Acetate	6.612	43	425971	85.710	ug/l #	84
24) 1,1-Dichloroethane	6.577	63	75033	18.197	ug/l	95
25) 2-Butanone	7.488	43	149381	86.905	ug/l #	78
26) 2,2-Dichloropropane	7.500	77	57844	17.355	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	41517	16.992	ug/l	80
28) Bromochloromethane	7.824	49	44019	20.124	ug/l #	70
29) Tetrahydrofuran	7.841	42	103562	91.025	ug/l #	70
30) Chloroform	7.965	83	77130	18.723	ug/l	85
31) Cyclohexane	8.259	56	64067	18.085	ug/l #	81
32) 1,1,1-Trichloroethane	8.171	97	63928	18.200	ug/l #	89
36) 1,1-Dichloropropene	8.377	75	53914	17.839	ug/l	96
37) Ethyl Acetate	7.571	43	63091	18.658	ug/l #	91
38) Carbon Tetrachloride	8.371	117	54232	17.908	ug/l	99
39) Methylcyclohexane	9.606	83	50809	18.279	ug/l	88
40) Benzene	8.612	78	161499	18.078	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	34268	18.607	ug/l #	79
42) 1,2-Dichloroethane	8.676	62	61998	18.576	ug/l	99
43) Isopropyl Acetate	8.694	43	101890	17.047	ug/l #	89
44) Trichloroethene	9.353	130	36991	17.427	ug/l	98
45) 1,2-Dichloropropane	9.623	63	44370	18.655	ug/l	97
46) Dibromomethane	9.712	93	29716	18.216	ug/l	97
47) Bromodichloromethane	9.894	83	61375	19.053	ug/l	99
48) Methyl methacrylate	9.688	41	46968	17.342	ug/l #	78
49) 1,4-Dioxane	9.706	88	16300	353.334	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	323274	91.195	ug/l #	85
52) Toluene	10.635	92	101642	18.532	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	62769	18.170	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	66085	17.565	ug/l #	85
55) 1,1,2-Trichloroethane	11.018	97	41740	18.980	ug/l	93
56) Ethyl methacrylate	10.876	69	59206	17.368	ug/l #	67
57) 1,3-Dichloropropane	11.170	76	71324	18.133	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	151731	92.723	ug/l #	88
59) 2-Hexanone	11.200	43	231030	89.981	ug/l	83
60) Dibromochloromethane	11.365	129	43311	18.715	ug/l	95
61) 1,2-Dibromoethane	11.470	107	40599	18.167	ug/l	98
64) Tetrachloroethene	11.106	164	28709	17.215	ug/l	96
65) Chlorobenzene	11.894	112	103436	18.273	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.970	131	40926	19.131	ug/l	97
67) Ethyl Benzene	11.970	91	184632	17.936	ug/l	99
68) m/p-Xylenes	12.076	106	139915	36.354	ug/l	97
69) o-Xylene	12.400	106	66499	17.762	ug/l	95
70) Styrene	12.417	104	111188	17.811	ug/l	98
71) Bromoform	12.582	173	27472	17.664	ug/l #	96
73) Isopropylbenzene	12.700	105	166625	17.953	ug/l	99
74) N-amyl acetate	12.500	43	80309	17.143	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	63945	19.082	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	50256m	18.739	ug/l	
77) Bromobenzene	12.988	156	38732	17.362	ug/l	89
78) n-propylbenzene	13.041	91	197613	18.362	ug/l	97
79) 2-Chlorotoluene	13.129	91	121132	18.144	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	136268	18.528	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	20466	19.494	ug/l #	86
82) 4-Chlorotoluene	13.223	91	118188	18.093	ug/l	99
83) tert-Butylbenzene	13.441	119	115578	18.703	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	134646	18.489	ug/l	100
85) sec-Butylbenzene	13.623	105	155228	18.253	ug/l	98
86) p-Isopropyltoluene	13.735	119	121607	17.898	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	65645	17.101	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	67875	17.666	ug/l	98
89) n-Butylbenzene	14.058	91	94503	16.901	ug/l	97
90) Hexachloroethane	14.341	117	26093	19.158	ug/l	96
91) 1,2-Dichlorobenzene	14.111	146	67880	17.781	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10727	16.447	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	20087	14.843	ug/l	94
94) Hexachlorobutadiene	15.505	225	12172	15.406	ug/l	98
95) Naphthalene	15.647	128	60030	13.675	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	23498	15.853	ug/l	96

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

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