

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080723\
 Data File : VN078789.D
 Acq On : 07 Aug 2023 21:17
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080723

Quant Time: Aug 08 05:20:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

08/08/2023
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	166679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	290736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	267697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	110050	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.588	65	124539	49.840	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.680%
35) Dibromofluoromethane	8.177	113	102435	52.173	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.340%
50) Toluene-d8	10.576	98	387381	53.615	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.240%
62) 4-Bromofluorobenzene	12.859	95	120592	55.847	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.136	85	112300	45.654	ug/l	98
3) Chloromethane	2.371	50	133701	46.597	ug/l	99
4) Vinyl Chloride	2.518	62	120826	44.598	ug/l	98
5) Bromomethane	2.953	94	80980	42.205	ug/l	92
6) Chloroethane	3.118	64	82772	46.465	ug/l	99
7) Trichlorofluoromethane	3.500	101	167841	45.102	ug/l	95
8) Diethyl Ether	3.971	74	64479	47.485	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.377	101	93208	48.086	ug/l	97
10) Methyl Iodide	4.595	142	121179	48.686	ug/l	97
11) Tert butyl alcohol	5.547	59	93884	214.082	ug/l	100
12) 1,1-Dichloroethene	4.353	96	88083	45.218	ug/l #	80
13) Acrolein	4.189	56	87246	235.131	ug/l	97
14) Allyl chloride	5.036	41	170031	52.423	ug/l #	91
15) Acrylonitrile	5.730	53	280323	245.455	ug/l	99
16) Acetone	4.442	43	219062	227.851	ug/l	93
17) Carbon Disulfide	4.718	76	256247	46.114	ug/l	100
18) Methyl Acetate	5.042	43	203882	47.216	ug/l #	82
19) Methyl tert-butyl Ether	5.812	73	318037	48.331	ug/l	93
20) Methylene Chloride	5.283	84	108742	45.669	ug/l #	73
21) trans-1,2-Dichloroethene	5.800	96	100242	45.985	ug/l	84
22) Diisopropyl ether	6.683	45	379565	48.711	ug/l #	88
23) Vinyl Acetate	6.618	43	1210545	247.559	ug/l #	84
24) 1,1-Dichloroethane	6.583	63	201852	47.637	ug/l	97
25) 2-Butanone	7.494	43	391084	240.216	ug/l #	76
26) 2,2-Dichloropropane	7.500	77	133027	44.956	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	118775	47.458	ug/l	89
28) Bromochloromethane	7.824	49	105071	45.762	ug/l #	73
29) Tetrahydrofuran	7.847	42	263336	241.711	ug/l #	71
30) Chloroform	7.977	83	202348	47.417	ug/l	92
31) Cyclohexane	8.265	56	169137	46.068	ug/l #	78
32) 1,1,1-Trichloroethane	8.177	97	177112	48.827	ug/l	94
36) 1,1-Dichloropropene	8.382	75	154176	50.616	ug/l	94
37) Ethyl Acetate	7.571	43	159557	49.267	ug/l #	90
38) Carbon Tetrachloride	8.371	117	154074	49.067	ug/l	96
39) Methylcyclohexane	9.612	83	140660	49.440	ug/l #	87
40) Benzene	8.612	78	449071	48.743	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.788	41	83159	46.181	ug/l	#	83
42) 1,2-Dichloroethane	8.682	62	157318	47.507	ug/l		97
43) Isopropyl Acetate	8.694	43	270850	49.604	ug/l	#	88
44) Trichloroethene	9.359	130	106593	47.241	ug/l		98
45) 1,2-Dichloropropane	9.629	63	119576	48.415	ug/l		100
46) Dibromomethane	9.718	93	82269	50.049	ug/l		97
47) Bromodichloromethane	9.894	83	160121	48.940	ug/l		97
48) Methyl methacrylate	9.688	41	127971	50.724	ug/l	#	78
49) 1,4-Dioxane	9.700	88	42562	1038.907	ug/l	#	85
51) 4-Methyl-2-Pentanone	10.453	43	845499	252.804	ug/l	#	85
52) Toluene	10.641	92	284174	50.506	ug/l		98
53) t-1,3-Dichloropropene	10.841	75	167796	50.194	ug/l		98
54) cis-1,3-Dichloropropene	10.318	75	183079	50.408	ug/l	#	87
55) 1,1,2-Trichloroethane	11.023	97	110336	49.333	ug/l		95
56) Ethyl methacrylate	10.882	69	169317	52.206	ug/l	#	73
57) 1,3-Dichloropropane	11.171	76	190727	49.050	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	307519	264.113	ug/l		89
59) 2-Hexanone	11.200	43	601422	253.960	ug/l		84
60) Dibromochloromethane	11.365	129	118668	50.554	ug/l		99
61) 1,2-Dibromoethane	11.476	107	108295	48.887	ug/l		99
64) Tetrachloroethene	11.112	164	99513	48.246	ug/l		97
65) Chlorobenzene	11.894	112	285864	46.891	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.965	131	109949	46.565	ug/l		97
67) Ethyl Benzene	11.970	91	522312	48.100	ug/l		100
68) m/p-Xylenes	12.076	106	394620	98.503	ug/l		100
69) o-Xylene	12.406	106	195281	49.657	ug/l		100
70) Styrene	12.418	104	316388	51.262	ug/l		97
71) Bromoform	12.582	173	78807	47.852	ug/l	#	98
73) Isopropylbenzene	12.700	105	483684	44.657	ug/l		100
74) N-amyl acetate	12.500	43	218388	44.449	ug/l	#	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	153146	41.606	ug/l		97
76) 1,2,3-Trichloropropane	13.000	75	127327m	42.793	ug/l		
77) Bromobenzene	12.988	156	112965	44.450	ug/l		100
78) n-propylbenzene	13.041	91	537228	45.128	ug/l		99
79) 2-Chlorotoluene	13.129	91	333531	43.609	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	391659	45.140	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.741	75	51995	46.892	ug/l	#	83
82) 4-Chlorotoluene	13.229	91	317659	45.402	ug/l		98
83) tert-Butylbenzene	13.447	119	313863	43.432	ug/l		97
84) 1,2,4-Trimethylbenzene	13.488	105	387494	46.469	ug/l		100
85) sec-Butylbenzene	13.623	105	424735	44.949	ug/l		100
86) p-Isopropyltoluene	13.735	119	336916	44.841	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	191221	47.111	ug/l		97
88) 1,4-Dichlorobenzene	13.817	146	183747	45.668	ug/l		98
89) n-Butylbenzene	14.059	91	258396	45.835	ug/l		100
90) Hexachloroethane	14.335	117	68200	43.795	ug/l		90
91) 1,2-Dichlorobenzene	14.112	146	183357	46.893	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24322	43.077	ug/l		98
93) 1,2,4-Trichlorobenzene	15.400	180	50967	46.390	ug/l		94
94) Hexachlorobutadiene	15.506	225	32174	47.501	ug/l		98
95) Naphthalene	15.647	128	163229	44.510	ug/l		98
96) 1,2,3-Trichlorobenzene	15.841	180	58514	44.727	ug/l		98

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

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