

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081848.D
 Acq On : 25 Apr 2024 13:56
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042524

Quant Time: Apr 26 05:33:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/26/2024
 Supervised By : Mahesh Dadoda 04/26/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	223124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	419050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	363197	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	160972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	202109	53.670	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.340%			
35) Dibromofluoromethane	8.165	113	140755	55.788	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.580%			
50) Toluene-d8	10.565	98	572258	57.751	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.500%#			
62) 4-Bromofluorobenzene	12.853	95	222799	56.878	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 113.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	171404	54.725	ug/l	95
3) Chloromethane	2.359	50	169128	51.761	ug/l	98
4) Vinyl Chloride	2.518	62	168875	57.095	ug/l	93
5) Bromomethane	2.959	94	66869	53.498	ug/l	98
6) Chloroethane	3.124	64	77639	51.935	ug/l	# 86
7) Trichlorofluoromethane	3.500	101	251618	54.993	ug/l	98
8) Diethyl Ether	3.959	74	109637	56.409	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	154494	58.160	ug/l	95
10) Methyl Iodide	4.589	142	147778	63.516	ug/l	95
11) Tert butyl alcohol	5.518	59	182220	266.179	ug/l	98
12) 1,1-Dichloroethene	4.336	96	149514	55.326	ug/l	88
13) Acrolein	4.177	56	134482	251.872	ug/l	99
14) Allyl chloride	5.024	41	292483	51.166	ug/l	# 89
15) Acrylonitrile	5.712	53	443844	270.004	ug/l	99
16) Acetone	4.424	43	319866	288.077	ug/l	99
17) Carbon Disulfide	4.712	76	417492	51.399	ug/l	99
18) Methyl Acetate	5.030	43	214010	56.108	ug/l	# 89
19) Methyl tert-butyl Ether	5.789	73	567391	55.641	ug/l	95
20) Methylene Chloride	5.277	84	171267	53.070	ug/l	# 85
21) trans-1,2-Dichloroethene	5.789	96	155540	52.788	ug/l	# 79
22) Diisopropyl ether	6.671	45	629235	56.886	ug/l	# 95
23) Vinyl Acetate	6.600	43	2621490	291.679	ug/l	# 92
24) 1,1-Dichloroethane	6.571	63	323327	56.159	ug/l	98
25) 2-Butanone	7.483	43	590748	276.394	ug/l	# 88
26) 2,2-Dichloropropane	7.488	77	304871	57.564	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	189359	54.996	ug/l	81
28) Bromochloromethane	7.818	49	145094	53.025	ug/l	# 76
29) Tetrahydrofuran	7.841	42	404469	263.891	ug/l	88
30) Chloroform	7.965	83	313333	54.906	ug/l	94
31) Cyclohexane	8.259	56	301593	53.164	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	271403	53.329	ug/l	95
36) 1,1-Dichloropropene	8.371	75	232438	56.628	ug/l	95
37) Ethyl Acetate	7.559	43	259235	58.412	ug/l	97
38) Carbon Tetrachloride	8.359	117	229137	57.117	ug/l	98
39) Methylcyclohexane	9.600	83	282445	56.659	ug/l	# 88
40) Benzene	8.606	78	697617	56.616	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	151893	53.638	ug/l #	88
42) 1,2-Dichloroethane	8.671	62	251809	55.034	ug/l	98
43) Isopropyl Acetate	8.688	43	466881	55.949	ug/l #	94
44) Trichloroethene	9.353	130	159534	56.156	ug/l	88
45) 1,2-Dichloropropane	9.624	63	180419	55.948	ug/l	98
46) Dibromomethane	9.712	93	116704	52.360	ug/l	91
47) Bromodichloromethane	9.888	83	260457	55.409	ug/l #	95
48) Methyl methacrylate	9.682	41	226820	56.938	ug/l #	85
49) 1,4-Dioxane	9.700	88	66975	1106.150	ug/l #	71
51) 4-Methyl-2-Pentanone	10.447	43	1322553	281.537	ug/l	93
52) Toluene	10.629	92	426541	57.804	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	295566	57.787	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	304247	57.716	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	156216	53.829	ug/l	98
56) Ethyl methacrylate	10.876	69	306843	55.527	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	293466	56.879	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	656649	260.842	ug/l	91
59) 2-Hexanone	11.194	43	1011705	289.391	ug/l	94
60) Dibromochloromethane	11.359	129	172615	56.157	ug/l	96
61) 1,2-Dibromoethane	11.471	107	155874	56.165	ug/l	99
64) Tetrachloroethene	11.106	164	146183	55.417	ug/l	91
65) Chlorobenzene	11.894	112	441582	55.675	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	146292	56.753	ug/l	98
67) Ethyl Benzene	11.965	91	829504	56.236	ug/l	96
68) m/p-Xylenes	12.070	106	601967	114.412	ug/l	89
69) o-Xylene	12.400	106	296723	57.765	ug/l	88
70) Styrene	12.412	104	505027	56.834	ug/l	93
71) Bromoform	12.576	173	104216	51.426	ug/l #	97
73) Isopropylbenzene	12.694	105	770283	53.821	ug/l	97
74) N-amyl acetate	12.494	43	419300	52.622	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	216662	50.412	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	218518m	52.356	ug/l	
77) Bromobenzene	12.982	156	159221	53.164	ug/l	67
78) n-propylbenzene	13.035	91	946244	54.430	ug/l	95
79) 2-Chlorotoluene	13.129	91	582458	52.661	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	648284	53.529	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.735	75	114597	56.263	ug/l #	88
82) 4-Chlorotoluene	13.223	91	580272	54.039	ug/l	91
83) tert-Butylbenzene	13.441	119	539335	53.476	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	659337	54.516	ug/l	93
85) sec-Butylbenzene	13.617	105	775634	54.597	ug/l	96
86) p-Isopropyltoluene	13.729	119	628781	55.123	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	294044	52.619	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	300326	54.576	ug/l	95
89) n-Butylbenzene	14.059	91	609071	57.364	ug/l	96
90) Hexachloroethane	14.335	117	125785	56.056	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	291444	54.404	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	56174	53.686	ug/l	74
93) 1,2,4-Trichlorobenzene	15.394	180	168535	56.234	ug/l	99
94) Hexachlorobutadiene	15.500	225	63982	57.920	ug/l	100
95) Naphthalene	15.641	128	620896	54.826	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	164018	57.001	ug/l	97

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

