

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080783.D
 Acq On : 29 Jan 2024 11:01
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Jan 29 11:21:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 10:57:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/29/2024
 Supervised By : Mahesh Dadoda 01/30/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	133693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	24043	10.241	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	20.480%#		
35) Dibromofluoromethane	8.171	113	18261	11.411	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	22.820%#		
50) Toluene-d8	10.565	98	65493	10.733	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	21.460%#		
62) 4-Bromofluorobenzene	12.853	95	23569	10.072	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	20.140%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	20850	9.599	ug/l	97
3) Chloromethane	2.359	50	30312	10.556	ug/l	99
4) Vinyl Chloride	2.512	62	23530	11.940	ug/l	99
5) Bromomethane	2.959	94	9429m	12.589	ug/l	
6) Chloroethane	3.130	64	13387	11.110	ug/l	94
7) Trichlorofluoromethane	3.495	101	30301	9.311	ug/l	90
8) Diethyl Ether	3.959	74	14380	10.111	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	16890	9.522	ug/l	94
10) Methyl Iodide	4.589	142	14703	9.913	ug/l #	97
11) Tert butyl alcohol	5.512	59	18929	47.674	ug/l	97
12) 1,1-Dichloroethene	4.348	96	19149	9.594	ug/l	80
13) Acrolein	4.183	56	24560	74.030	ug/l	90
14) Allyl chloride	5.024	41	36782	9.296	ug/l	95
15) Acrylonitrile	5.724	53	56763	54.746	ug/l	96
16) Acetone	4.424	43	44993	58.372	ug/l	98
17) Carbon Disulfide	4.718	76	60921	9.979	ug/l	96
18) Methyl Acetate	5.030	43	31929	13.911	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	67001	9.741	ug/l	97
20) Methylene Chloride	5.277	84	21794	9.686	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	19705	9.733	ug/l	97
22) Diisopropyl ether	6.665	45	84469	11.321	ug/l	95
23) Vinyl Acetate	6.606	43	328606	54.111	ug/l	99
24) 1,1-Dichloroethane	6.559	63	42794	10.478	ug/l	97
25) 2-Butanone	7.483	43	81279	58.337	ug/l	100
26) 2,2-Dichloropropane	7.488	77	33433	9.360	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	24622	11.032	ug/l	93
28) Bromochloromethane	7.812	49	23705	12.415	ug/l	98
29) Tetrahydrofuran	7.835	42	55571	59.175	ug/l	98
30) Chloroform	7.965	83	38865	10.150	ug/l	95
31) Cyclohexane	8.259	56	41365	11.404	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	31431	9.222	ug/l	95
36) 1,1-Dichloropropene	8.371	75	30695	9.363	ug/l	98
37) Ethyl Acetate	7.559	43	32388	10.189	ug/l #	96
38) Carbon Tetrachloride	8.365	117	25994	8.831	ug/l	99
39) Methylcyclohexane	9.600	83	30940	9.863	ug/l	90
40) Benzene	8.606	78	94490	10.253	ug/l	98

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Quant Title : SW846 8260

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	17979	9.751	ug/l	97
42) 1,2-Dichloroethane	8.671	62	30659	8.690	ug/l	99
43) Isopropyl Acetate	8.688	43	57626	9.862	ug/l	98
44) Trichloroethene	9.359	130	20592	9.870	ug/l	99
45) 1,2-Dichloropropane	9.624	63	25034	10.246	ug/l	97
46) Dibromomethane	9.706	93	14551	9.413	ug/l	98
47) Bromodichloromethane	9.888	83	30930	9.015	ug/l #	99
48) Methyl methacrylate	9.682	41	27675	10.004	ug/l	97
49) 1,4-Dioxane	9.694	88	6720	194.951	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	169590	53.798	ug/l	99
52) Toluene	10.635	92	53305	10.095	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	35154	9.231	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	37552	9.299	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	19048	9.372	ug/l	92
56) Ethyl methacrylate	10.876	69	33730	9.266	ug/l #	95
57) 1,3-Dichloropropane	11.165	76	38584	10.399	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	94376	54.129	ug/l	97
59) 2-Hexanone	11.194	43	122410	52.602	ug/l	100
60) Dibromochloromethane	11.365	129	18633	8.921	ug/l	98
61) 1,2-Dibromoethane	11.465	107	20611	10.317	ug/l	91
64) Tetrachloroethene	11.106	164	15605	9.536	ug/l	96
65) Chlorobenzene	11.888	112	52341	10.054	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	17039	9.219	ug/l	96
67) Ethyl Benzene	11.965	91	97438	9.802	ug/l	96
68) m/p-Xylenes	12.071	106	67920	19.434	ug/l	92
69) o-Xylene	12.400	106	34873	10.205	ug/l	98
70) Styrene	12.412	104	56098	9.668	ug/l	98
71) Bromoform	12.582	173	10629	8.359	ug/l #	93
73) Isopropylbenzene	12.700	105	83565	10.084	ug/l	100
74) N-amyl acetate	12.494	43	48128	9.678	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	27116	9.975	ug/l	90
76) 1,2,3-Trichloropropane	12.994	75	25474m	9.480	ug/l	
77) Bromobenzene	12.982	156	16265	9.241	ug/l	88
78) n-propylbenzene	13.035	91	100713	9.907	ug/l	100
79) 2-Chlorotoluene	13.123	91	60867	9.343	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	67096	9.715	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	10670	9.360	ug/l	98
82) 4-Chlorotoluene	13.223	91	60389	9.455	ug/l	100
83) tert-Butylbenzene	13.441	119	52913	9.584	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	66941	9.857	ug/l	96
85) sec-Butylbenzene	13.617	105	76821	9.793	ug/l	99
86) p-Isopropyltoluene	13.729	119	60778	9.810	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	31598	10.051	ug/l	93
88) 1,4-Dichlorobenzene	13.817	146	30991	9.676	ug/l	96
89) n-Butylbenzene	14.059	91	56711	9.496	ug/l	99
90) Hexachloroethane	14.335	117	10453	9.098	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	29259	9.877	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	4892	7.229	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	13611	8.822	ug/l	97
94) Hexachlorobutadiene	15.500	225	6080	8.211	ug/l	99
95) Naphthalene	15.641	128	56614	9.324	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	14657	9.814	ug/l	97

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

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