

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031024.D
 Acq On : 01 Sep 2022 12:56
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

Quant Time: Sep 01 13:24:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 01 13:21:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	201551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	335694	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.055	117	297220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	250723	86.731	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 173.460%#			
35) Dibromofluoromethane	5.391	113	242022	97.804	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 195.600%#			
50) Toluene-d8	8.653	98	885510	96.627	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 193.260%#			
62) 4-Bromofluorobenzene	11.085	95	319340	97.854	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 195.700%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	179377	84.124	ug/l	99
3) Chloromethane	1.288	50	139637	64.976	ug/l	99
4) Vinyl Chloride	1.374	62	191453	75.409	ug/l	98
5) Bromomethane	1.611	94	82804	87.509	ug/l	100
6) Chloroethane	1.678	64	66067	43.279	ug/l	97
7) Trichlorofluoromethane	1.886	101	331937	85.963	ug/l	98
8) Diethyl Ether	2.136	74	114106	76.570	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	215748	86.884	ug/l	94
10) Methyl Iodide	2.453	142	239015	127.491	ug/l	98
11) Tert butyl alcohol	3.038	59	245337	358.212	ug/l	99
12) 1,1-Dichloroethene	2.319	96	217528	88.807	ug/l	93
13) Acrolein	2.239	56	231229	737.752	ug/l	100
14) Allyl chloride	2.666	41	281725	70.892	ug/l #	92
15) Acrylonitrile	3.068	53	548238	362.500	ug/l	98
16) Acetone	2.392	43	427341	327.536	ug/l	99
17) Carbon Disulfide	2.508	76	548786	84.889	ug/l	97
18) Methyl Acetate	2.709	43	248205	64.849	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	670439	84.035	ug/l	93
20) Methylene Chloride	2.788	84	231091	77.903	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	228069	85.870	ug/l	94
22) Diisopropyl ether	3.763	45	567654	69.322	ug/l #	92
23) Vinyl Acetate	3.727	43	2378391	362.044	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	378282	78.884	ug/l	99
25) 2-Butanone	4.568	43	694564	328.846	ug/l #	89
26) 2,2-Dichloropropane	4.477	77	300598	83.183	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	265751	86.829	ug/l	94
28) Bromochloromethane	4.903	49	112218	72.343	ug/l #	66
29) Tetrahydrofuran	5.013	42	440185	322.158	ug/l #	83
30) Chloroform	5.099	83	413688	83.158	ug/l	98
31) Cyclohexane	5.477	56	326700	76.357	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	371237	88.031	ug/l	95
36) 1,1-Dichloropropene	5.696	75	304497	82.790	ug/l	99
37) Ethyl Acetate	4.721	43	266327	68.878	ug/l	94
38) Carbon Tetrachloride	5.678	117	327648	93.575	ug/l	97
39) Methylcyclohexane	7.379	83	403278	89.643	ug/l	93
40) Benzene	6.043	78	905322	85.405	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	147556	70.260	ug/l	91
42) 1,2-Dichloroethane	6.092	62	294090	83.518	ug/l	99
43) Isopropyl Acetate	6.348	43	445020	74.169	ug/l #	93
44) Trichloroethene	7.129	130	292627	93.704	ug/l	89
45) 1,2-Dichloropropane	7.433	63	224613	79.382	ug/l	100
46) Dibromomethane	7.586	93	179569	92.931	ug/l	93
47) Bromodichloromethane	7.824	83	321264	86.484	ug/l	98
48) Methyl methacrylate	7.696	41	220170	73.310	ug/l #	84
49) 1,4-Dioxane	7.683	88	128307	1625.607	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	1371931	346.432	ug/l	91
52) Toluene	8.720	92	587124	90.646	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	349387	93.212	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	380026	88.623	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	249066	88.650	ug/l	97
56) Ethyl methacrylate	9.122	69	362968	88.212	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	389869	84.138	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	956301	462.732	ug/l	94
59) 2-Hexanone	9.439	43	1000687	339.810	ug/l	88
60) Dibromochloromethane	9.525	129	277817	99.496	ug/l	99
61) 1,2-Dibromoethane	9.610	107	275314	94.914	ug/l	99
64) Tetrachloroethene	9.275	164	271328	96.514	ug/l	98
65) Chlorobenzene	10.079	112	638226	90.812	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	249227	100.087	ug/l	98
67) Ethyl Benzene	10.195	91	1135103	91.054	ug/l	99
68) m/p-Xylenes	10.305	106	895623	189.674	ug/l	99
69) o-Xylene	10.646	106	441395	95.512	ug/l	98
70) Styrene	10.659	104	733774	94.056	ug/l	100
71) Bromoform	10.805	173	205202	105.020	ug/l	99
73) Isopropylbenzene	10.963	105	1145231	91.707	ug/l	97
74) N-amyl acetate	10.848	43	363271	75.243	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	341170	79.744	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	321456m	82.721	ug/l	
77) Bromobenzene	11.201	156	293480	96.980	ug/l	90
78) n-propylbenzene	11.305	91	1394090	95.256	ug/l	98
79) 2-Chlorotoluene	11.366	91	793723	87.318	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	976539	92.804	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	119830	91.680	ug/l	87
82) 4-Chlorotoluene	11.457	91	910891	89.637	ug/l	98
83) tert-Butylbenzene	11.719	119	959206	92.860	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	1059437	98.347	ug/l	97
85) sec-Butylbenzene	11.890	105	1301360	97.065	ug/l	98
86) p-Isopropyltoluene	12.012	119	1105191	99.365	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	571578	95.795	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	539611	88.204	ug/l	98
89) n-Butylbenzene	12.335	91	1012990	97.308	ug/l	97
90) Hexachloroethane	12.542	117	198714	101.757	ug/l	90
91) 1,2-Dichlorobenzene	12.341	146	560872	92.670	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	94718	88.752	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	399442	103.242	ug/l	99
94) Hexachlorobutadiene	13.725	225	159960	97.359	ug/l	97
95) Naphthalene	13.780	128	1358672	98.191	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	410586	105.107	ug/l	98

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

