

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031308.D
 Acq On : 14 Sep 2022 14:22
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 15 01:27:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:23:56 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/15/2022
 Supervised By : Mahesh Dadoda 09/15/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	66702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	105437	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140310	85.700	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 171.400%#			
35) Dibromofluoromethane	5.391	113	110499	97.496	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 195.000%#			
50) Toluene-d8	8.653	98	410510	96.558	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 193.120%#			
62) 4-Bromofluorobenzene	11.085	95	153552	98.630	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 197.260%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60144	83.509	ug/l	97
3) Chloromethane	1.288	50	94149	85.434	ug/l	97
4) Vinyl Chloride	1.373	62	105320	90.370	ug/l	98
5) Bromomethane	1.611	94	74339	85.058	ug/l	99
7) Trichlorofluoromethane	1.879	101	186720	87.402	ug/l	98
8) Diethyl Ether	2.135	74	73409	79.077	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.324	101	87714	86.826	ug/l	98
10) Methyl Iodide	2.446	142	106334	108.586	ug/l	99
11) Tert butyl alcohol	2.995	59	155561	396.248	ug/l	97
12) 1,1-Dichloroethene	2.318	96	82325	88.401	ug/l	96
13) Acrolein	2.239	56	69032	365.379	ug/l	99
14) Allyl chloride	2.660	41	170427	82.840	ug/l	99
15) Acrylonitrile	3.068	53	316207	418.747	ug/l	100
16) Acetone	2.392	43	283018	404.926	ug/l	100
17) Carbon Disulfide	2.507	76	219219	107.704	ug/l	100
18) Methyl Acetate	2.709	43	169256	81.664	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	364448	84.508	ug/l	100
20) Methylene Chloride	2.788	84	103804	77.331	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	100147	86.162	ug/l	97
22) Diisopropyl ether	3.763	45	353851	82.194	ug/l	99
23) Vinyl Acetate	3.727	43	1557503	435.325	ug/l	99
24) 1,1-Dichloroethane	3.611	63	192625	85.257	ug/l	100
25) 2-Butanone	4.568	43	469013	406.823	ug/l	99
26) 2,2-Dichloropropane	4.477	77	181471	84.659	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	119904	87.625	ug/l	97
28) Bromochloromethane	4.903	49	81597	77.483	ug/l	94
29) Tetrahydrofuran	5.013	42	297712	416.869	ug/l	100
30) Chloroform	5.098	83	207899	86.896	ug/l	100
31) Cyclohexane	5.470	56	161471	91.799	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	191388	89.277	ug/l	99
36) 1,1-Dichloropropene	5.696	75	144609	93.219	ug/l	100
37) Ethyl Acetate	4.720	43	180809	88.693	ug/l	99
38) Carbon Tetrachloride	5.678	117	169076	100.267	ug/l	96
39) Methylcyclohexane	7.385	83	173084	101.314	ug/l	96
40) Benzene	6.043	78	422614	94.870	ug/l	100
41) Methacrylonitrile	4.922	41	96669	87.534	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.092	62	167843	93.410	ug/l	100
43) Isopropyl Acetate	6.342	43	302094	86.815	ug/l	99
44) Trichloroethene	7.128	130	111555	98.220	ug/l	100
45) 1,2-Dichloropropane	7.433	63	111730	91.617	ug/l	96
46) Dibromomethane	7.580	93	82446	95.328	ug/l	98
47) Bromodichloromethane	7.823	83	170807	94.954	ug/l	99
48) Methyl methacrylate	7.695	41	139373	87.984	ug/l	98
49) 1,4-Dioxane	7.689	88	57534	1987.748	ug/l	97
51) 4-Methyl-2-Pentanone	8.579	43	926683	438.122	ug/l	99
52) Toluene	8.720	92	279112	99.049	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	193769	95.719	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	195598	94.023	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	117400	94.377	ug/l	99
56) Ethyl methacrylate	9.116	69	190752	94.726	ug/l	100
57) 1,3-Dichloropropane	9.311	76	197053	92.190	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	402057	428.521	ug/l	99
59) 2-Hexanone	9.433	43	693070	429.323	ug/l	99
60) Dibromochloromethane	9.524	129	137217	102.319	ug/l	99
61) 1,2-Dibromoethane	9.610	107	127877	100.186	ug/l	98
64) Tetrachloroethene	9.274	164	105968	99.391	ug/l	97
65) Chlorobenzene	10.079	112	300945	97.443	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	120217	98.795	ug/l	98
67) Ethyl Benzene	10.195	91	546646	97.721	ug/l	100
68) m/p-Xylenes	10.305	106	435670	205.111	ug/l	99
69) o-Xylene	10.646	106	213338	98.887	ug/l	98
70) Styrene	10.658	104	360180	102.668	ug/l	99
71) Bromoform	10.799	173	103822	107.176	ug/l #	99
73) Isopropylbenzene	10.963	105	556637	93.999	ug/l	100
74) N-amyl acetate	10.847	43	250633	85.136	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	178437	83.847	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	171194m	77.626	ug/l	
77) Bromobenzene	11.201	156	134379	99.523	ug/l	99
78) n-propylbenzene	11.305	91	650072	93.541	ug/l	100
79) 2-Chlorotoluene	11.366	91	382191	89.879	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	474628	95.665	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	67056	91.836	ug/l	98
82) 4-Chlorotoluene	11.457	91	449062	92.133	ug/l	100
83) tert-Butylbenzene	11.719	119	475049	95.704	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	471621	95.643	ug/l	99
85) sec-Butylbenzene	11.890	105	595856	95.865	ug/l	100
86) p-Isopropyltoluene	12.012	119	506016	99.906	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	256543	99.658	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	255964	96.745	ug/l	99
89) n-Butylbenzene	12.335	91	443415	98.726	ug/l	99
90) Hexachloroethane	12.542	117	98451	97.334	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	246517	94.059	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	46769	83.119	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	152426	107.405	ug/l	99
94) Hexachlorobutadiene	13.725	225	58408	105.433	ug/l	98
95) Naphthalene	13.774	128	577913	100.230	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	158421	104.241	ug/l	98

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

