

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121323\
 Data File : VX039184.D
 Acq On : 13 Dec 2023 11:43
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 14 01:11:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:05:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2023
 Supervised By : Mahesh Dadoda 12/14/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	126057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	231370	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	224586	97.254	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 194.500%#			
35) Dibromofluoromethane	5.385	113	157139	98.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 196.620%#			
50) Toluene-d8	8.647	98	577422	97.305	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 194.600%#			
62) 4-Bromofluorobenzene	11.079	95	243323	99.380	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 198.760%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	183209	103.430	ug/l	99
3) Chloromethane	1.294	50	195693	99.654	ug/l	98
4) Vinyl Chloride	1.374	62	178134	97.537	ug/l	98
5) Bromomethane	1.599	94	91269	86.863	ug/l	99
6) Chloroethane	1.678	64	102443	93.080	ug/l	97
7) Trichlorofluoromethane	1.886	101	261577	97.812	ug/l	99
8) Diethyl Ether	2.130	74	89805	97.027	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	156057	95.627	ug/l	96
10) Methyl Iodide	2.453	142	171078	101.421	ug/l	95
11) Tert butyl alcohol	2.971	59	279589	482.135	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	155720	96.061	ug/l	97
13) Acrolein	2.233	56	229827	496.793	ug/l	100
14) Allyl chloride	2.660	41	322632	98.248	ug/l	98
15) Acrylonitrile	3.062	53	563955	485.860	ug/l	99
16) Acetone	2.379	43	617303	486.335	ug/l	94
17) Carbon Disulfide	2.507	76	467057	98.457	ug/l	98
18) Methyl Acetate	2.696	43	498253	99.754	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	565040	96.380	ug/l	98
20) Methylene Chloride	2.788	84	181263	94.160	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	167560	94.993	ug/l	98
22) Diisopropyl ether	3.757	45	569193	95.220	ug/l	91
23) Vinyl Acetate	3.721	43	2184866	490.959	ug/l	99
24) 1,1-Dichloroethane	3.605	63	326244	96.548	ug/l	98
25) 2-Butanone	4.550	43	862903	433.026	ug/l	98
26) 2,2-Dichloropropane	4.471	77	291565	98.834	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	192369	98.806	ug/l	97
28) Bromochloromethane	4.897	49	165955	100.655	ug/l	94
29) Tetrahydrofuran	5.001	42	535424	486.538	ug/l	100
30) Chloroform	5.092	83	326334	96.640	ug/l	97
31) Cyclohexane	5.470	56	286674	96.113	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	291437	99.417	ug/l	99
36) 1,1-Dichloropropene	5.690	75	246104	97.569	ug/l	99
37) Ethyl Acetate	4.708	43	307072	98.539	ug/l	100
38) Carbon Tetrachloride	5.672	117	245240	101.881	ug/l	97
39) Methylcyclohexane	7.379	83	295681	97.590	ug/l	98
40) Benzene	6.037	78	694843	97.384	ug/l	99

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41) Methacrylonitrile	4.916	41	164588	98.990	ug/l	96
42) 1,2-Dichloroethane	6.086	62	286984	99.363	ug/l	98
43) Isopropyl Acetate	6.336	43	502800	99.221	ug/l	100
44) Trichloroethene	7.123	130	172871	96.012	ug/l	95
45) 1,2-Dichloropropane	7.427	63	187712	98.026	ug/l	98
46) Dibromomethane	7.580	93	132703	98.583	ug/l	95
47) Bromodichloromethane	7.818	83	263692	102.453	ug/l	98
48) Methyl methacrylate	7.689	41	300221	101.340	ug/l	96
49) 1,4-Dioxane	7.659	88	81434	2039.244	ug/l #	99
51) 4-Methyl-2-Pentanone	8.573	43	1588041	491.850	ug/l	99
52) Toluene	8.720	92	419415	97.391	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	298116	105.208	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	308677	101.242	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	174733	97.189	ug/l	95
56) Ethyl methacrylate	9.116	69	229582	104.603	ug/l	96
57) 1,3-Dichloropropane	9.305	76	303885	97.770	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	662818	514.309	ug/l	95
59) 2-Hexanone	9.433	43	1308977	469.756	ug/l	99
60) Dibromochloromethane	9.518	129	187334	103.029	ug/l	98
61) 1,2-Dibromoethane	9.610	107	190560	99.287	ug/l	100
64) Tetrachloroethene	9.275	164	130828	92.312	ug/l	95
65) Chlorobenzene	10.079	112	443930	93.778	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	166142	99.359	ug/l	99
67) Ethyl Benzene	10.195	91	842372	95.596	ug/l	98
68) m/p-Xylenes	10.299	106	603253	190.937	ug/l	95
69) o-Xylene	10.640	106	294450	96.391	ug/l	93
70) Styrene	10.652	104	444618	99.560	ug/l	95
71) Bromoform	10.799	173	134461	108.183	ug/l #	100
73) Isopropylbenzene	10.963	105	798765	95.206	ug/l	99
74) N-amyl acetate	10.841	43	442536	104.251	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	298370	95.598	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	264285m	93.940	ug/l	
77) Bromobenzene	11.195	156	179319	96.653	ug/l	90
78) n-propylbenzene	11.305	91	989100	95.684	ug/l	97
79) 2-Chlorotoluene	11.366	91	592989	94.838	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	694450	97.163	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	103855	104.137	ug/l	94
82) 4-Chlorotoluene	11.451	91	701017	95.454	ug/l	97
83) tert-Butylbenzene	11.713	119	660349	97.080	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	711892	97.127	ug/l	98
85) sec-Butylbenzene	11.890	105	838864	96.916	ug/l	98
86) p-Isopropyltoluene	12.006	119	710250	97.776	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	347878	95.443	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	349852	92.185	ug/l	98
89) n-Butylbenzene	12.329	91	720776	100.937	ug/l	96
90) Hexachloroethane	12.536	117	139338	106.189	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	323548	92.774	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	84147	102.360	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	217971	95.449	ug/l	99
94) Hexachlorobutadiene	13.725	225	82587	95.965	ug/l	97
95) Naphthalene	13.774	128	794391	99.888	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	213637	96.908	ug/l	99

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

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