

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038036.D
 Acq On : 03 Oct 2023 13:23
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 04 05:39:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 05:22:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/04/2023
 Supervised By : Semsettin Yesilyurt 10/04/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	154038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	266946	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141626	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	368832	148.777	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 297.560%#			
35) Dibromofluoromethane	5.385	113	288673	151.152	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 302.300%#			
50) Toluene-d8	8.653	98	1109292	150.987	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 301.980%#			
62) 4-Bromofluorobenzene	11.079	95	416758	154.386	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 308.780%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	287144	181.294	ug/l	97
3) Chloromethane	1.300	50	267821	134.564	ug/l	97
4) Vinyl Chloride	1.374	62	276570	153.293	ug/l	98
5) Bromomethane	1.593	94	341496	138.211	ug/l	97
6) Chloroethane	1.666	64	223284	160.941	ug/l	98
7) Trichlorofluoromethane	1.874	101	517981	144.940	ug/l	100
8) Diethyl Ether	2.136	74	190007	145.191	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	232524	148.112	ug/l	98
10) Methyl Iodide	2.447	142	317428	177.058	ug/l	96
11) Tert butyl alcohol	2.989	59	409423	721.249	ug/l	# 92
12) 1,1-Dichloroethene	2.312	96	232045	156.721	ug/l	92
13) Acrolein	2.239	56	258987	806.031	ug/l	99
14) Allyl chloride	2.660	41	417892	158.457	ug/l	95
15) Acrylonitrile	3.068	53	872831	771.555	ug/l	99
16) Acetone	2.386	43	759232	728.168	ug/l	92
17) Carbon Disulfide	2.508	76	673504	158.636	ug/l	99
18) Methyl Acetate	2.703	43	708228	155.160	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	915002	159.562	ug/l	99
20) Methylene Chloride	2.788	84	285045	129.496	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	278098	155.887	ug/l	93
22) Diisopropyl ether	3.763	45	863251	157.192	ug/l	# 84
23) Vinyl Acetate	3.721	43	3201635	807.367	ug/l	96
24) 1,1-Dichloroethane	3.605	63	508581	153.669	ug/l	100
25) 2-Butanone	4.562	43	1264713	759.452	ug/l	92
26) 2,2-Dichloropropane	4.477	77	414709	158.434	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	324267	156.591	ug/l	94
28) Bromochloromethane	4.897	49	238005	153.337	ug/l	91
29) Tetrahydrofuran	5.007	42	841502	777.392	ug/l	91
30) Chloroform	5.092	83	565041	155.729	ug/l	98
31) Cyclohexane	5.470	56	427535	152.198	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	499387	163.226	ug/l	99
36) 1,1-Dichloropropene	5.690	75	401466	147.559	ug/l	98
37) Ethyl Acetate	4.714	43	493629	160.170	ug/l	98
38) Carbon Tetrachloride	5.678	117	431569	160.437	ug/l	99
39) Methylcyclohexane	7.379	83	490122	151.368	ug/l	94
40) Benzene	6.037	78	1162624	151.071	ug/l	99

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41) Methacrylonitrile	4.922	41	255357	163.726	ug/l	92
42) 1,2-Dichloroethane	6.086	62	455239	151.134	ug/l	99
43) Isopropyl Acetate	6.342	43	780176	162.220	ug/l	97
44) Trichloroethene	7.129	130	304401	146.734	ug/l	98
45) 1,2-Dichloropropane	7.427	63	302127	154.087	ug/l	97
46) Dibromomethane	7.580	93	232208	152.598	ug/l	98
47) Bromodichloromethane	7.824	83	442798	165.048	ug/l	96
48) Methyl methacrylate	7.696	41	364907	158.219	ug/l	87
49) 1,4-Dioxane	7.665	88	159279	3124.215	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	2524395	769.073	ug/l	95
52) Toluene	8.720	92	779812	155.498	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	511018	176.370	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	512039	168.419	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	321690	158.462	ug/l	95
56) Ethyl methacrylate	9.116	69	529777	169.647	ug/l	93
57) 1,3-Dichloropropane	9.311	76	521484	153.489	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	962647	637.562	ug/l	99
59) 2-Hexanone	9.433	43	2027049	771.154	ug/l	94
60) Dibromochloromethane	9.525	129	356956	176.191	ug/l	100
61) 1,2-Dibromoethane	9.610	107	361356	162.833	ug/l	99
64) Tetrachloroethene	9.275	164	257349	146.374	ug/l	98
65) Chlorobenzene	10.079	112	824967	149.480	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	310387	164.077	ug/l	99
67) Ethyl Benzene	10.195	91	1514250	152.006	ug/l	99
68) m/p-Xylenes	10.305	106	1185379	309.113	ug/l	98
69) o-Xylene	10.640	106	576004	157.406	ug/l	100
70) Styrene	10.659	104	977369	160.861	ug/l	97
71) Bromoform	10.799	173	274008	184.777	ug/l #	99
73) Isopropylbenzene	10.963	105	1525409	156.446	ug/l	99
74) N-amyl acetate	10.841	43	715919	162.030	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	552604	152.609	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	511313m	161.488	ug/l	
77) Bromobenzene	11.201	156	363473	152.322	ug/l	93
78) n-propylbenzene	11.305	91	1829858	153.091	ug/l	100
79) 2-Chlorotoluene	11.366	91	1056130	152.044	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	1326289	158.934	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	190211	179.484	ug/l	87
82) 4-Chlorotoluene	11.457	91	1268862	151.461	ug/l	98
83) tert-Butylbenzene	11.719	119	1321519	159.016	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	1315232	156.634	ug/l	98
85) sec-Butylbenzene	11.890	105	1666812	155.617	ug/l	100
86) p-Isopropyltoluene	12.012	119	1383962	157.237	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	704297	147.333	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	709051	145.187	ug/l	98
89) n-Butylbenzene	12.335	91	1380424	156.486	ug/l	97
90) Hexachloroethane	12.536	117	260468	175.921	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	688416	150.838	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	145340	170.227	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	461917	146.194	ug/l	98
94) Hexachlorobutadiene	13.725	225	195995	145.340	ug/l	98
95) Naphthalene	13.774	128	1659991	155.061	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	460554	150.727	ug/l	98

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

