

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062323\
 Data File : VX036287.D
 Acq On : 23 Jun 2023 12:01
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 23 12:42:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 12:15:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/24/2023
 Supervised By : Mahesh Dadoda 06/26/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	208303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	365902	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	334163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	301223	79.131	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 158.260%#			
35) Dibromofluoromethane	5.385	113	244080	98.370	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 196.740%#			
50) Toluene-d8	8.653	98	905293	99.744	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 199.480%#			
62) 4-Bromofluorobenzene	11.079	95	324877	88.675	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 177.340%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	200032	78.235	ug/l	98
3) Chloromethane	1.294	50	341835	126.363	ug/l	98
4) Vinyl Chloride	1.374	62	380554	147.668	ug/l	98
5) Bromomethane	1.618	94	289110	182.500	ug/l	99
6) Chloroethane	1.691	64	291376	174.739	ug/l	98
7) Trichlorofluoromethane	1.886	101	598837	143.586	ug/l	98
8) Diethyl Ether	2.136	74	230291	148.352	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	247249	103.956	ug/l	97
10) Methyl Iodide	2.453	142	308287	125.710	ug/l	93
11) Tert butyl alcohol	3.020	59	275467m	473.350	ug/l	
12) 1,1-Dichloroethene	2.319	96	241947	107.578	ug/l	92
13) Acrolein	2.239	56	345417	534.478	ug/l	100
14) Allyl chloride	2.666	41	411639	90.456	ug/l	97
15) Acrylonitrile	3.069	53	709953	476.893	ug/l	99
16) Acetone	2.398	43	600730	379.843	ug/l	95
17) Carbon Disulfide	2.514	76	606551	109.110	ug/l	99
18) Methyl Acetate	2.709	43	545671	90.973	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	799757	90.837	ug/l	99
20) Methylene Chloride	2.788	84	268700	93.774	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	251183	100.521	ug/l	93
22) Diisopropyl ether	3.757	45	793725	87.650	ug/l	95
23) Vinyl Acetate	3.721	43	3015085	469.778	ug/l	97
24) 1,1-Dichloroethane	3.611	63	471092	94.156	ug/l	100
25) 2-Butanone	4.568	43	935087	422.332	ug/l	96
26) 2,2-Dichloropropane	4.477	77	357764	91.952	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	291899	102.154	ug/l	94
28) Bromochloromethane	4.904	49	230467	88.363	ug/l	93
29) Tetrahydrofuran	5.013	42	589169	418.981	ug/l	95
30) Chloroform	5.093	83	466361	88.505	ug/l	99
31) Cyclohexane	5.471	56	385874	94.493	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	405983	90.877	ug/l	99
36) 1,1-Dichloropropene	5.690	75	356713	97.597	ug/l	98
37) Ethyl Acetate	4.715	43	371981	87.353	ug/l	99
38) Carbon Tetrachloride	5.678	117	349587	98.390	ug/l	99
39) Methylcyclohexane	7.379	83	431967	109.736	ug/l	95
40) Benzene	6.038	78	1002175	97.504	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	202818	86.389	ug/l	93
42) 1,2-Dichloroethane	6.086	62	379326	81.921	ug/l	99
43) Isopropyl Acetate	6.342	43	612157	93.933	ug/l	98
44) Trichloroethene	7.123	130	277669	108.108	ug/l	100
45) 1,2-Dichloropropane	7.428	63	279750	102.376	ug/l	98
46) Dibromomethane	7.580	93	198230	101.832	ug/l	95
47) Bromodichloromethane	7.824	83	377978	101.140	ug/l	98
48) Methyl methacrylate	7.696	41	310162	92.765	ug/l	93
49) 1,4-Dioxane	7.732	88	127446	2276.620	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	1893388	460.124	ug/l	97
52) Toluene	8.720	92	649031	100.857	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	404535	105.091	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	441296	106.904	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	266803	100.430	ug/l	95
56) Ethyl methacrylate	9.116	69	422382	105.251	ug/l	96
57) 1,3-Dichloropropane	9.311	76	456089	96.505	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1225551	554.071	ug/l	98
59) 2-Hexanone	9.433	43	1376252	449.869	ug/l	96
60) Dibromochloromethane	9.525	129	279845	107.924	ug/l	99
61) 1,2-Dibromoethane	9.610	107	285451	103.052	ug/l	100
64) Tetrachloroethene	9.275	164	231016	111.116	ug/l	97
65) Chlorobenzene	10.079	112	706283	101.999	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	257095	107.591	ug/l	98
67) Ethyl Benzene	10.195	91	1287867	104.141	ug/l	98
68) m/p-Xylenes	10.305	106	1016690	217.906	ug/l	95
69) o-Xylene	10.640	106	489794	106.402	ug/l	96
70) Styrene	10.653	104	805473	105.014	ug/l	97
71) Bromoform	10.799	173	194516	118.240	ug/l #	100
73) Isopropylbenzene	10.963	105	1255619	107.186	ug/l	98
74) N-amyl acetate	10.842	43	515305	97.345	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	395987	98.722	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	320274m	85.481	ug/l	
77) Bromobenzene	11.201	156	296110	107.889	ug/l	93
78) n-propylbenzene	11.305	91	1458139	105.810	ug/l	99
79) 2-Chlorotoluene	11.366	91	840225	96.937	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1057038	105.969	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	121454	113.463	ug/l	92
82) 4-Chlorotoluene	11.451	91	998238	98.843	ug/l	96
83) tert-Butylbenzene	11.713	119	1007534	106.247	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	1032758	103.800	ug/l	97
85) sec-Butylbenzene	11.890	105	1280156	108.417	ug/l	99
86) p-Isopropyltoluene	12.006	119	1074077	108.118	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	544688	104.065	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	542329	101.155	ug/l	98
89) n-Butylbenzene	12.335	91	985508	111.159	ug/l	98
90) Hexachloroethane	12.536	117	175857	112.852	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	532276	103.615	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	85119	96.210	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	340390	116.892	ug/l	95
94) Hexachlorobutadiene	13.725	225	129950	112.885	ug/l	98
95) Naphthalene	13.774	128	1134055	112.903	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	330195	113.076	ug/l	99

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

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