

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
 Data File : VX038094.D
 Acq On : 05 Oct 2023 11:31
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 05 15:07:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 12:40:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/05/2023
 Supervised By : Mahesh Dadoda 10/06/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	157710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	268648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	242672	95.666	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 191.340%#			
35) Dibromofluoromethane	5.385	113	191970	99.169	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 198.340%#			
50) Toluene-d8	8.653	98	736974	99.630	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 199.260%#			
62) 4-Bromofluorobenzene	11.079	95	288878	103.012	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 206.020%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	149916	98.480	ug/l	99
3) Chloromethane	1.307	50	143240	92.320	ug/l	98
4) Vinyl Chloride	1.374	62	164607	95.686	ug/l	100
5) Bromomethane	1.599	94	229343	102.402	ug/l	99
6) Chloroethane	1.673	64	133557	96.148	ug/l	97
7) Trichlorofluoromethane	1.880	101	331541	97.572	ug/l	99
8) Diethyl Ether	2.136	74	123043	97.094	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	142229	95.882	ug/l	100
10) Methyl Iodide	2.453	142	213213	99.897	ug/l	95
11) Tert butyl alcohol	2.977	59	276012	504.193	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	141792	98.267	ug/l	88
13) Acrolein	2.240	56	183179	507.964	ug/l	99
14) Allyl chloride	2.660	41	258662	100.222	ug/l	95
15) Acrylonitrile	3.063	53	567837	491.896	ug/l	99
16) Acetone	2.380	43	501033	473.264	ug/l	93
17) Carbon Disulfide	2.508	76	405773	97.571	ug/l	99
18) Methyl Acetate	2.703	43	446386	98.323	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	576816	100.373	ug/l	98
20) Methylene Chloride	2.788	84	182408	91.600	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	175304	98.124	ug/l	91
22) Diisopropyl ether	3.764	45	533184	98.571	ug/l #	85
23) Vinyl Acetate	3.721	43	1993825	502.632	ug/l	96
24) 1,1-Dichloroethane	3.611	63	320109	97.514	ug/l	99
25) 2-Butanone	4.556	43	822411	481.464	ug/l	93
26) 2,2-Dichloropropane	4.477	77	262977	102.607	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	208289	97.893	ug/l	93
28) Bromochloromethane	4.898	49	148948	100.512	ug/l	89
29) Tetrahydrofuran	5.001	42	533326	479.562	ug/l	88
30) Chloroform	5.093	83	358284	99.809	ug/l	98
31) Cyclohexane	5.471	56	263025	95.705	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	315109	102.485	ug/l	98
36) 1,1-Dichloropropene	5.690	75	256186	95.971	ug/l	98
37) Ethyl Acetate	4.715	43	316414	99.806	ug/l	98
38) Carbon Tetrachloride	5.678	117	266981	101.668	ug/l	99
39) Methylcyclohexane	7.379	83	304239	97.303	ug/l	94
40) Benzene	6.038	78	746648	100.004	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	156928	99.504	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	292051	97.905	ug/l	99
43) Isopropyl Acetate	6.342	43	492639	104.092	ug/l	97
44) Trichloroethene	7.123	130	197503	101.139	ug/l	97
45) 1,2-Dichloropropane	7.434	63	189396	98.012	ug/l	97
46) Dibromomethane	7.580	93	150639	100.510	ug/l	98
47) Bromodichloromethane	7.824	83	279800	104.944	ug/l	96
48) Methyl methacrylate	7.696	41	232507	102.910	ug/l #	86
49) 1,4-Dioxane	7.659	88	114678	2059.792	ug/l #	87
51) 4-Methyl-2-Pentanone	8.580	43	1653528	506.529	ug/l	95
52) Toluene	8.720	92	499131	102.627	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	323572	113.062	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	323231	107.499	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	211870	101.847	ug/l	96
56) Ethyl methacrylate	9.116	69	343016	107.545	ug/l	93
57) 1,3-Dichloropropane	9.311	76	341554	101.515	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	806022	514.832	ug/l	99
59) 2-Hexanone	9.433	43	1337796	509.762	ug/l	94
60) Dibromochloromethane	9.525	129	230155	113.044	ug/l	100
61) 1,2-Dibromoethane	9.610	107	239589	106.503	ug/l	99
64) Tetrachloroethene	9.275	164	169080	97.501	ug/l	98
65) Chlorobenzene	10.080	112	546418	97.481	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	202578	106.874	ug/l	98
67) Ethyl Benzene	10.195	91	999205	99.865	ug/l	100
68) m/p-Xylenes	10.305	106	786549	203.306	ug/l	98
69) o-Xylene	10.640	106	383984	101.693	ug/l	99
70) Styrene	10.653	104	656112	106.699	ug/l	97
71) Bromoform	10.799	173	176342	97.406	ug/l #	99
73) Isopropylbenzene	10.964	105	1013200	99.876	ug/l	99
74) N-amyl acetate	10.842	43	450853	104.072	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	362075	97.267	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	295593m	85.955	ug/l	
77) Bromobenzene	11.195	156	242234	97.804	ug/l	93
78) n-propylbenzene	11.305	91	1213045	97.792	ug/l	100
79) 2-Chlorotoluene	11.366	91	713843	97.037	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	889257	101.604	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	119250	97.118	ug/l	89
82) 4-Chlorotoluene	11.457	91	858617	98.635	ug/l	97
83) tert-Butylbenzene	11.713	119	881845	103.116	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	883778	101.277	ug/l	98
85) sec-Butylbenzene	11.890	105	1106576	99.889	ug/l	99
86) p-Isopropyltoluene	12.012	119	928060	101.538	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	475806	95.646	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	487095	95.909	ug/l	98
89) n-Butylbenzene	12.335	91	920371	101.110	ug/l	97
90) Hexachloroethane	12.536	117	165970	109.520	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	460327	96.267	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	92942	103.266	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	309241	96.421	ug/l	97
94) Hexachlorobutadiene	13.725	225	121945	94.469	ug/l	97
95) Naphthalene	13.774	128	1091851	97.758	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	306869	98.817	ug/l	99

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

