

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036604.D
 Acq On : 21 Jul 2023 11:20
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 21 11:46:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 11:46:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	191064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	331288	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	276389	100.263	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 200.520%#			
35) Dibromofluoromethane	5.391	113	224252	102.008	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 204.020%#			
50) Toluene-d8	8.653	98	794066	97.629	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 195.260%#			
62) 4-Bromofluorobenzene	11.079	95	298109	101.398	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 202.800%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	236495	123.437	ug/l	98
3) Chloromethane	1.301	50	206825	69.459	ug/l	99
4) Vinyl Chloride	1.374	62	229810	70.784	ug/l	99
5) Bromomethane	1.618	94	135523	58.954	ug/l	99
6) Chloroethane	1.685	64	101004	43.834	ug/l	98
7) Trichlorofluoromethane	1.886	101	362700	73.158	ug/l	100
8) Diethyl Ether	2.136	74	134720	70.878	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	222479	102.094	ug/l	99
10) Methyl Iodide	2.453	142	239383	93.021	ug/l	92
11) Tert butyl alcohol	2.989	59	314754m	589.835	ug/l	
12) 1,1-Dichloroethene	2.319	96	214141	99.061	ug/l	90
13) Acrolein	2.239	56	185334	293.490	ug/l	98
14) Allyl chloride	2.666	41	414143	114.204	ug/l	93
15) Acrylonitrile	3.069	53	641644	500.879	ug/l	99
16) Acetone	2.392	43	536081	454.287	ug/l	91
17) Carbon Disulfide	2.514	76	571659	105.288	ug/l	99
18) Methyl Acetate	2.709	43	476118	98.109	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	808621	112.712	ug/l	99
20) Methylene Chloride	2.788	84	241092	95.254	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	234851	100.694	ug/l	93
22) Diisopropyl ether	3.764	45	780392	108.234	ug/l #	84
23) Vinyl Acetate	3.721	43	3015059	570.190	ug/l	95
24) 1,1-Dichloroethane	3.611	63	453692	107.506	ug/l	99
25) 2-Butanone	4.562	43	903380	523.855	ug/l	95
26) 2,2-Dichloropropane	4.477	77	419489	132.957	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	281956	107.055	ug/l	95
28) Bromochloromethane	4.904	49	207730	94.848	ug/l	96
29) Tetrahydrofuran	5.007	42	583567	528.938	ug/l	95
30) Chloroform	5.099	83	461337	108.292	ug/l	98
31) Cyclohexane	5.471	56	389870	108.489	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	417451	115.580	ug/l	99
36) 1,1-Dichloropropene	5.696	75	342832	104.340	ug/l	99
37) Ethyl Acetate	4.715	43	372691	109.007	ug/l	98
38) Carbon Tetrachloride	5.678	117	365592	119.067	ug/l	100
39) Methylcyclohexane	7.379	83	420839	106.730	ug/l	96
40) Benzene	6.037	78	982894	106.410	ug/l	100

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41) Methacrylonitrile	4.922	41	205885	109.297	ug/l	95
42) 1,2-Dichloroethane	6.086	62	363754	104.215	ug/l	96
43) Isopropyl Acetate	6.342	43	642446	116.676	ug/l	96
44) Trichloroethene	7.129	130	258775	101.608	ug/l	100
45) 1,2-Dichloropropane	7.428	63	263320	105.223	ug/l	100
46) Dibromomethane	7.580	93	183676	104.088	ug/l	97
47) Bromodichloromethane	7.824	83	378854	116.787	ug/l	96
48) Methyl methacrylate	7.696	41	302843	111.380	ug/l	93
49) 1,4-Dioxane	7.702	88	116239	1963.495	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	1688151	487.047	ug/l	95
52) Toluene	8.720	92	612825	104.773	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	434997	129.623	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	453413	121.564	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	252061	103.878	ug/l	96
56) Ethyl methacrylate	9.116	69	420128	113.400	ug/l	95
57) 1,3-Dichloropropane	9.311	76	432871	103.881	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1024712	509.894	ug/l	97
59) 2-Hexanone	9.433	43	1259283	496.694	ug/l	94
60) Dibromochloromethane	9.525	129	284588	117.735	ug/l	99
61) 1,2-Dibromoethane	9.610	107	266306	103.469	ug/l	99
64) Tetrachloroethene	9.275	164	217772	105.019	ug/l	100
65) Chlorobenzene	10.079	112	639415	103.756	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	254653	119.992	ug/l	99
67) Ethyl Benzene	10.195	91	1167990	106.118	ug/l	99
68) m/p-Xylenes	10.305	106	866258	203.695	ug/l	97
69) o-Xylene	10.640	106	430572	103.919	ug/l	98
70) Styrene	10.659	104	719247	106.080	ug/l	98
71) Bromoform	10.799	173	205423	131.080	ug/l #	100
73) Isopropylbenzene	10.963	105	1123136	108.280	ug/l	98
74) N-amyl acetate	10.842	43	507032	120.193	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	357946	101.814	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	302538m	102.011	ug/l	
77) Bromobenzene	11.195	156	258058	101.548	ug/l	97
78) n-propylbenzene	11.305	91	1304217	107.464	ug/l	99
79) 2-Chlorotoluene	11.366	91	776755	107.312	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	928196	105.569	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	142030	142.302	ug/l #	85
82) 4-Chlorotoluene	11.457	91	886562	105.541	ug/l	99
83) tert-Butylbenzene	11.713	119	911029	107.725	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	929858	106.706	ug/l	96
85) sec-Butylbenzene	11.890	105	1157359	108.078	ug/l	98
86) p-Isopropyltoluene	12.006	119	959950	107.095	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	481081	102.997	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	476648	100.290	ug/l	99
89) n-Butylbenzene	12.329	91	877544	109.851	ug/l	99
90) Hexachloroethane	12.536	117	196222	136.946	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	455277	99.205	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	90324	131.036	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	305450	108.074	ug/l	97
94) Hexachlorobutadiene	13.725	225	121317	104.515	ug/l	97
95) Naphthalene	13.774	128	1038095	110.839	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	299483	108.808	ug/l	99

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

