

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061423\
 Data File : VX036159.D
 Acq On : 14 Jun 2023 16:45
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 15 01:36:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 15 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/15/2023
 Supervised By : Mahesh Dadoda 06/15/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	241495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	436963	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	397382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177413	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	577293	150.279	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 300.560%#			
35) Dibromofluoromethane	5.385	113	416037	148.679	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 297.360%#			
50) Toluene-d8	8.653	98	1478857	147.248	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 294.500%#			
62) 4-Bromofluorobenzene	11.079	95	565608	127.628	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 255.260%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	389642	148.442	ug/l	99
3) Chloromethane	1.294	50	409397	144.790	ug/l	99
4) Vinyl Chloride	1.374	62	410987	154.345	ug/l	99
5) Bromomethane	1.618	94	263660	153.761	ug/l	99
6) Chloroethane	1.691	64	230992	137.536	ug/l	98
7) Trichlorofluoromethane	1.886	101	629740	165.501	ug/l	99
8) Diethyl Ether	2.130	74	236478	149.144	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	370749	160.347	ug/l	99
10) Methyl Iodide	2.453	142	394585	152.919	ug/l	98
11) Tert butyl alcohol	3.008	59	465936m	695.222	ug/l	
12) 1,1-Dichloroethene	2.319	96	360461	156.818	ug/l	95
13) Acrolein	2.239	56	570027	731.597	ug/l	99
14) Allyl chloride	2.666	41	730044	156.112	ug/l	98
15) Acrylonitrile	3.075	53	1168042	731.603	ug/l	99
16) Acetone	2.398	43	1015437	649.779	ug/l	98
17) Carbon Disulfide	2.508	76	960481	164.194	ug/l	99
18) Methyl Acetate	2.709	43	942025	143.402	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	1362419	149.391	ug/l	99
20) Methylene Chloride	2.788	84	405152	140.043	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	391342	149.270	ug/l	98
22) Diisopropyl ether	3.764	45	1377141	149.638	ug/l	# 84
23) Vinyl Acetate	3.721	43	5174540	769.144	ug/l	98
24) 1,1-Dichloroethane	3.611	63	766341	150.932	ug/l	99
25) 2-Butanone	4.568	43	1639031	717.897	ug/l	99
26) 2,2-Dichloropropane	4.477	77	659252	162.239	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	460517	152.240	ug/l	100
28) Bromochloromethane	4.904	49	389135	148.079	ug/l	100
29) Tetrahydrofuran	5.013	42	1084438	738.373	ug/l	100
30) Chloroform	5.099	83	790839	148.748	ug/l	99
31) Cyclohexane	5.471	56	665466	163.984	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	716836	159.518	ug/l	100
36) 1,1-Dichloropropene	5.696	75	587390	156.240	ug/l	99
37) Ethyl Acetate	4.721	43	679338	147.131	ug/l	99
38) Carbon Tetrachloride	5.678	117	619251	170.626	ug/l	98
39) Methylcyclohexane	7.379	83	670731	167.975	ug/l	98
40) Benzene	6.038	78	1632519	151.310	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	384673	149.410	ug/l	99
42) 1,2-Dichloroethane	6.086	62	685360	147.255	ug/l	99
43) Isopropyl Acetate	6.342	43	1128497	157.598	ug/l	100
44) Trichloroethene	7.123	130	424742	153.443	ug/l	97
45) 1,2-Dichloropropane	7.428	63	433118	153.349	ug/l	100
46) Dibromomethane	7.580	93	311265	150.921	ug/l	99
47) Bromodichloromethane	7.824	83	619357	161.023	ug/l	96
48) Methyl methacrylate	7.690	41	554569	155.564	ug/l	98
49) 1,4-Dioxane	7.720	88	176285	2527.552	ug/l #	100
51) 4-Methyl-2-Pentanone	8.580	43	2981870	690.749	ug/l	97
52) Toluene	8.720	92	1028386	151.591	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	685807	168.642	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	729774	165.312	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	415120	145.826	ug/l	98
56) Ethyl methacrylate	9.116	69	678043	154.113	ug/l	98
57) 1,3-Dichloropropane	9.311	76	722723	147.002	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1773844	763.628	ug/l	98
59) 2-Hexanone	9.433	43	2187035	682.926	ug/l	97
60) Dibromochloromethane	9.525	129	454990	167.922	ug/l	99
61) 1,2-Dibromoethane	9.610	107	451422	151.219	ug/l	99
64) Tetrachloroethene	9.275	164	342902	157.503	ug/l	98
65) Chlorobenzene	10.079	112	1096707	151.243	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	415727	162.962	ug/l	99
67) Ethyl Benzene	10.195	91	1989794	155.353	ug/l	100
68) m/p-Xylenes	10.305	106	1506259	308.346	ug/l	97
69) o-Xylene	10.640	106	737045	152.861	ug/l	99
70) Styrene	10.653	104	1225227	154.851	ug/l	99
71) Bromoform	10.799	173	305400	147.040	ug/l #	99
73) Isopropylbenzene	10.963	105	1894582	157.158	ug/l	98
74) N-amyl acetate	10.842	43	860435	156.920	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	591738	143.680	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	562279m	141.713	ug/l	
77) Bromobenzene	11.201	156	441264	155.965	ug/l	98
78) n-propylbenzene	11.305	91	2195803	156.477	ug/l	99
79) 2-Chlorotoluene	11.366	91	1313053	147.766	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1560714	153.395	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	207868	145.459	ug/l	92
82) 4-Chlorotoluene	11.457	91	1494439	147.589	ug/l	99
83) tert-Butylbenzene	11.713	119	1580737	163.860	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	1606503	157.201	ug/l	98
85) sec-Butylbenzene	11.890	105	1908315	162.671	ug/l	99
86) p-Isopropyltoluene	12.012	119	1602226	161.358	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	831402	154.035	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	825246	148.179	ug/l	100
89) n-Butylbenzene	12.329	91	1441753	168.969	ug/l	99
90) Hexachloroethane	12.536	117	285418	148.300	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	786969	148.883	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	156197	165.663	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	500525	166.568	ug/l	98
94) Hexachlorobutadiene	13.725	225	191359	165.154	ug/l	98
95) Naphthalene	13.774	128	1758829	165.871	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	487575	163.479	ug/l	99

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

