

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061623\
 Data File : VX036183.D
 Acq On : 16 Jun 2023 14:24
 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 16 14:56:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 14:52:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/16/2023
 Supervised By : Mahesh Dadoda 06/19/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	191836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	347754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158249	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	493330	140.723	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 281.440%#			
35) Dibromofluoromethane	5.385	113	352247	149.372	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 298.740%#			
50) Toluene-d8	8.647	98	1249674	144.873	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 289.740%#			
62) 4-Bromofluorobenzene	11.079	95	524461	150.621	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 301.240%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	319505	135.688	ug/l	98
3) Chloromethane	1.295	50	352960	141.675	ug/l	97
4) Vinyl Chloride	1.374	62	335416	141.325	ug/l	98
5) Bromomethane	1.618	94	231712	158.823	ug/l	96
6) Chloroethane	1.685	64	202998	132.188	ug/l	99
7) Trichlorofluoromethane	1.880	101	523503	136.297	ug/l	100
8) Diethyl Ether	2.130	74	216347	151.332	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	307419	140.350	ug/l	99
10) Methyl Iodide	2.447	142	357384	158.240	ug/l	98
11) Tert butyl alcohol	2.995	59	428846m	799.901	ug/l	
12) 1,1-Dichloroethene	2.319	96	306766	148.107	ug/l	95
13) Acrolein	2.239	56	457029	767.884	ug/l	100
14) Allyl chloride	2.660	41	658463	157.116	ug/l	98
15) Acrylonitrile	3.069	53	1089260	794.489	ug/l	99
16) Acetone	2.392	43	985358	754.537	ug/l	97
17) Carbon Disulfide	2.508	76	811812	158.569	ug/l	100
18) Methyl Acetate	2.703	43	863597	156.336	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	1266222	156.164	ug/l	98
20) Methylene Chloride	2.788	84	378435	143.408	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	347384	150.953	ug/l	99
22) Diisopropyl ether	3.764	45	1283317	153.879	ug/l	# 83
23) Vinyl Acetate	3.721	43	4744289	802.657	ug/l	98
24) 1,1-Dichloroethane	3.605	63	694902	150.811	ug/l	99
25) 2-Butanone	4.562	43	1562696	766.472	ug/l	99
26) 2,2-Dichloropropane	4.477	77	575036	160.481	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	416359	158.218	ug/l	100
28) Bromochloromethane	4.898	49	348673	145.159	ug/l	99
29) Tetrahydrofuran	5.007	42	1035232	799.454	ug/l	99
30) Chloroform	5.093	83	724619	149.321	ug/l	97
31) Cyclohexane	5.471	56	546241	145.246	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	623705	151.597	ug/l	99
36) 1,1-Dichloropropene	5.690	75	503593	144.973	ug/l	100
37) Ethyl Acetate	4.715	43	619229	153.004	ug/l	99
38) Carbon Tetrachloride	5.678	117	516052	152.821	ug/l	98
39) Methylcyclohexane	7.379	83	555411	148.459	ug/l	98
40) Benzene	6.038	78	1481267	151.637	ug/l	99

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41) Methacrylonitrile	4.922	41	353253	158.317	ug/l	99
42) 1,2-Dichloroethane	6.086	62	634218	144.117	ug/l	99
43) Isopropyl Acetate	6.342	43	1032387	166.684	ug/l	99
44) Trichloroethene	7.123	130	377085	154.476	ug/l	97
45) 1,2-Dichloropropane	7.428	63	399493	153.826	ug/l	100
46) Dibromomethane	7.580	93	286165	154.676	ug/l	99
47) Bromodichloromethane	7.818	83	572556	161.201	ug/l	97
48) Methyl methacrylate	7.696	41	518440	163.149	ug/l	98
49) 1,4-Dioxane	7.714	88	177096	3328.632	ug/l #	97
51) 4-Methyl-2-Pentanone	8.580	43	2922090	747.174	ug/l	98
52) Toluene	8.720	92	935317	152.930	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	658427	152.100	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	680134	151.973	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	398681	157.903	ug/l	96
56) Ethyl methacrylate	9.116	69	669916	152.557	ug/l	99
57) 1,3-Dichloropropane	9.311	76	700461	155.947	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	1731594	823.707	ug/l	98
59) 2-Hexanone	9.433	43	2170910	746.659	ug/l	98
60) Dibromochloromethane	9.525	129	437294	177.446	ug/l	99
61) 1,2-Dibromoethane	9.610	107	434355	164.992	ug/l	100
64) Tetrachloroethene	9.275	164	293898	143.867	ug/l	98
65) Chlorobenzene	10.080	112	1024912	150.638	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	392708	167.257	ug/l	99
67) Ethyl Benzene	10.195	91	1842497	151.632	ug/l	99
68) m/p-Xylenes	10.305	106	1419156	309.560	ug/l	98
69) o-Xylene	10.640	106	719274	159.024	ug/l	99
70) Styrene	10.659	104	1226089	162.687	ug/l	99
71) Bromoform	10.799	173	291877	153.092	ug/l #	98
73) Isopropylbenzene	10.964	105	1818828	154.894	ug/l	98
74) N-amyl acetate	10.842	43	856269	161.370	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	590547	146.876	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	570696m	145.124	ug/l	
77) Bromobenzene	11.201	156	432350	157.153	ug/l	99
78) n-propylbenzene	11.305	91	2130561	154.236	ug/l	99
79) 2-Chlorotoluene	11.366	91	1317012	151.581	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	1574020	157.421	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	200710	152.786	ug/l	94
82) 4-Chlorotoluene	11.457	91	1532186	151.351	ug/l	99
83) tert-Butylbenzene	11.713	119	1539987	162.008	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	1561586	156.577	ug/l	96
85) sec-Butylbenzene	11.890	105	1843573	155.761	ug/l	99
86) p-Isopropyltoluene	12.006	119	1582749	158.942	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	803817	153.207	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	810494	153.119	ug/l	99
89) n-Butylbenzene	12.335	91	1370873	154.257	ug/l	99
90) Hexachloroethane	12.536	117	270417	149.139	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	778214	151.129	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	147506	166.329	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	488317	167.292	ug/l	98
94) Hexachlorobutadiene	13.725	225	170820	148.035	ug/l	97
95) Naphthalene	13.774	128	1716014	170.434	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	473407	161.733	ug/l	97

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

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