

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091123\
 Data File : VX037650.D
 Acq On : 11 Sep 2023 19:01
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 12 08:53:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 08:46:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	179932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	315062	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165943	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	404877	139.077	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 278.160%#			
35) Dibromofluoromethane	5.385	113	336575	150.715	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 301.420%#			
50) Toluene-d8	8.653	98	1251697	148.616	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 297.240%#			
62) 4-Bromofluorobenzene	11.079	95	479045	157.655	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 315.320%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	276230	143.586	ug/l	97
3) Chloromethane	1.301	50	299486	132.730	ug/l	96
4) Vinyl Chloride	1.374	62	332935	134.075	ug/l	98
5) Bromomethane	1.593	94	276982	131.382	ug/l	98
6) Chloroethane	1.666	64	212250	125.389	ug/l	98
7) Trichlorofluoromethane	1.874	101	505244	121.746	ug/l	99
8) Diethyl Ether	2.136	74	230196	135.257	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.319	101	256241	137.557	ug/l	99
10) Methyl Iodide	2.447	142	321339	145.119	ug/l	95
11) Tert butyl alcohol	2.989	59	441596	754.710	ug/l	# 92
12) 1,1-Dichloroethene	2.313	96	263652	144.073	ug/l	89
13) Acrolein	2.239	56	329650	695.398	ug/l	100
14) Allyl chloride	2.660	41	448714	137.796	ug/l	# 96
15) Acrylonitrile	3.069	53	966499	705.937	ug/l	99
16) Acetone	2.386	43	799491	664.339	ug/l	91
17) Carbon Disulfide	2.502	76	679159	143.971	ug/l	99
18) Methyl Acetate	2.703	43	698259	138.440	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	1058976	143.350	ug/l	100
20) Methylene Chloride	2.788	84	334750	149.653	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	307828	141.853	ug/l	91
22) Diisopropyl ether	3.764	45	1019460	143.434	ug/l	# 84
23) Vinyl Acetate	3.721	43	3860061	740.229	ug/l	95
24) 1,1-Dichloroethane	3.605	63	586842	141.130	ug/l	100
25) 2-Butanone	4.562	43	1342005	694.546	ug/l	# 90
26) 2,2-Dichloropropane	4.471	77	436583	151.636	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	378388	145.815	ug/l	92
28) Bromochloromethane	4.898	49	288344	136.754	ug/l	88
29) Tetrahydrofuran	5.007	42	885056	712.195	ug/l	90
30) Chloroform	5.099	83	645836	143.254	ug/l	97
31) Cyclohexane	5.471	56	479762	143.116	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	561995	148.412	ug/l	98
36) 1,1-Dichloropropene	5.690	75	443816	144.114	ug/l	97
37) Ethyl Acetate	4.721	43	526688	148.066	ug/l	97
38) Carbon Tetrachloride	5.678	117	477800	155.345	ug/l	97
39) Methylcyclohexane	7.379	83	539136	148.842	ug/l	94
40) Benzene	6.038	78	1354012	144.595	ug/l	100

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41) Methacrylonitrile	4.922	41	283758	150.381	ug/l	91
42) 1,2-Dichloroethane	6.086	62	507349	139.818	ug/l	98
43) Isopropyl Acetate	6.342	43	871386	155.206	ug/l	96
44) Trichloroethene	7.123	130	343581	150.333	ug/l	98
45) 1,2-Dichloropropane	7.434	63	357422	145.464	ug/l	98
46) Dibromomethane	7.580	93	265959	148.361	ug/l	97
47) Bromodichloromethane	7.824	83	510610	158.922	ug/l	96
48) Methyl methacrylate	7.696	41	413470	150.790	ug/l #	88
49) 1,4-Dioxane	7.665	88	202299	2962.021	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	2701768	729.858	ug/l	94
52) Toluene	8.720	92	896300	151.269	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	567358	175.041	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	584782	165.115	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	381960	149.916	ug/l	94
56) Ethyl methacrylate	9.116	69	621466	162.308	ug/l	92
57) 1,3-Dichloropropane	9.311	76	622479	146.764	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1484230	803.145	ug/l	100
59) 2-Hexanone	9.433	43	2106192	741.778	ug/l	92
60) Dibromochloromethane	9.525	129	419576	169.661	ug/l	100
61) 1,2-Dibromoethane	9.610	107	420070	156.355	ug/l	99
64) Tetrachloroethene	9.275	164	289953	145.901	ug/l	98
65) Chlorobenzene	10.080	112	977085	146.094	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	374347	160.382	ug/l	99
67) Ethyl Benzene	10.195	91	1760442	148.017	ug/l	98
68) m/p-Xylenes	10.305	106	1372160	302.784	ug/l	97
69) o-Xylene	10.640	106	688193	153.145	ug/l	98
70) Styrene	10.659	104	1158365	156.244	ug/l	96
71) Bromoform	10.799	173	322156	180.556	ug/l #	100
73) Isopropylbenzene	10.964	105	1754598	140.502	ug/l	98
74) N-amyl acetate	10.842	43	812747	148.047	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	649578	137.191	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	502769m	136.470	ug/l	
77) Bromobenzene	11.201	156	434273	144.899	ug/l	91
78) n-propylbenzene	11.305	91	2084361	144.614	ug/l	99
79) 2-Chlorotoluene	11.366	91	1234072	139.226	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1535367	145.542	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	206997	172.472	ug/l	87
82) 4-Chlorotoluene	11.457	91	1449899	143.719	ug/l	97
83) tert-Butylbenzene	11.713	119	1550169	147.373	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1522255	143.673	ug/l	97
85) sec-Butylbenzene	11.890	105	1905092	146.126	ug/l	99
86) p-Isopropyltoluene	12.012	119	1613746	150.312	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	818811	143.793	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	834377	143.186	ug/l	98
89) n-Butylbenzene	12.335	91	1496535	155.715	ug/l	98
90) Hexachloroethane	12.536	117	299698	165.115	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	831729	143.636	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	154766	155.632	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	540159	160.602	ug/l	97
94) Hexachlorobutadiene	13.725	225	223616	153.406	ug/l	99
95) Naphthalene	13.774	128	1909833	156.869	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	537565	154.994	ug/l	98

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

