

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011123\
 Data File : VX033695.D
 Acq On : 11 Jan 2023 13:42
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 11 14:25:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 12:22:09 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	186472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	269445	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126286	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	282398	134.154	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 268.300%#			
35) Dibromofluoromethane	5.385	113	254133	143.494	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 286.980%#			
50) Toluene-d8	8.647	98	926812	146.413	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 292.820%#			
62) 4-Bromofluorobenzene	11.079	95	341749	152.311	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 304.620%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	212036	137.881	ug/l	98
3) Chloromethane	1.294	50	245675	129.803	ug/l	100
4) Vinyl Chloride	1.374	62	236426	140.833	ug/l	99
5) Bromomethane	1.618	94	150836	160.679	ug/l	98
6) Chloroethane	1.691	64	131927	136.382	ug/l	100
7) Trichlorofluoromethane	1.886	101	306302	128.971	ug/l	99
8) Diethyl Ether	2.130	74	132440	177.309	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	222342	177.030	ug/l	95
10) Methyl Iodide	2.453	142	328175	151.451	ug/l	95
11) Tert butyl alcohol	3.020	59	217704m	629.559	ug/l	
12) 1,1-Dichloroethene	2.319	96	217446	185.859	ug/l	88
13) Acrolein	2.239	56	208622	915.346	ug/l	100
14) Allyl chloride	2.666	41	402109	138.223	ug/l	95
15) Acrylonitrile	3.069	53	592687	633.649	ug/l	99
16) Acetone	2.398	43	504017	620.931	ug/l	94
17) Carbon Disulfide	2.514	76	588325	153.071	ug/l	99
18) Methyl Acetate	2.709	43	358866	122.996	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	719468	131.408	ug/l	98
20) Methylene Chloride	2.788	84	241923	114.979	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	238218	138.452	ug/l	94
22) Diisopropyl ether	3.757	45	757710	129.268	ug/l	99
23) Vinyl Acetate	3.721	43	2975441	661.058	ug/l	98
24) 1,1-Dichloroethane	3.611	63	421134	132.790	ug/l	99
25) 2-Butanone	4.568	43	797942	580.555	ug/l	96
26) 2,2-Dichloropropane	4.477	77	318338	145.193	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	276210	138.410	ug/l	96
28) Bromochloromethane	4.897	49	205539	159.545	ug/l	93
29) Tetrahydrofuran	5.013	42	524104	601.210	ug/l	97
30) Chloroform	5.093	83	421867	130.211	ug/l	100
31) Cyclohexane	5.471	56	392945	134.094	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	377570	134.778	ug/l	97
36) 1,1-Dichloropropene	5.696	75	325584	135.717	ug/l	97
37) Ethyl Acetate	4.715	43	328219	110.992	ug/l	98
38) Carbon Tetrachloride	5.678	117	348789	137.384	ug/l	99
39) Methylcyclohexane	7.379	83	419401	140.018	ug/l	99
40) Benzene	6.038	78	957714	136.589	ug/l	100

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41) Methacrylonitrile	4.922	41	186806	128.163	ug/l	98
42) 1,2-Dichloroethane	6.086	62	325552	124.558	ug/l	97
43) Isopropyl Acetate	6.342	43	557102	135.824	ug/l	98
44) Trichloroethene	7.123	130	284170	142.026	ug/l	100
45) 1,2-Dichloropropane	7.428	63	247510	137.032	ug/l	100
46) Dibromomethane	7.580	93	171550	135.661	ug/l	95
47) Bromodichloromethane	7.824	83	335792	137.066	ug/l	99
48) Methyl methacrylate	7.690	41	274114	132.027	ug/l	96
49) 1,4-Dioxane	7.745	88	112706	2552.174	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	1543500	594.562	ug/l	97
52) Toluene	8.720	92	621329	134.784	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	372123	152.168	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	406687	149.971	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	245029	135.703	ug/l	99
56) Ethyl methacrylate	9.116	69	375818	139.418	ug/l	96
57) 1,3-Dichloropropane	9.305	76	407982	132.063	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	850809	620.489	ug/l	97
59) 2-Hexanone	9.433	43	1126831	587.585	ug/l	96
60) Dibromochloromethane	9.519	129	288011	145.826	ug/l	99
61) 1,2-Dibromoethane	9.610	107	265940	139.247	ug/l	100
64) Tetrachloroethene	9.275	164	247610	138.284	ug/l	98
65) Chlorobenzene	10.079	112	682758	137.123	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	265830	142.827	ug/l	100
67) Ethyl Benzene	10.195	91	1182939	136.108	ug/l	98
68) m/p-Xylenes	10.305	106	934982	275.658	ug/l	96
69) o-Xylene	10.640	106	458136	136.233	ug/l	98
70) Styrene	10.653	104	757499	137.114	ug/l	99
71) Bromoform	10.799	173	227445	152.635	ug/l #	97
73) Isopropylbenzene	10.963	105	1175948	131.854	ug/l	99
74) N-amyl acetate	10.848	43	463789	128.339	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	339431	122.109	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	303545m	131.201	ug/l	
77) Bromobenzene	11.201	156	319521	135.342	ug/l	96
78) n-propylbenzene	11.305	91	1341157	132.645	ug/l	99
79) 2-Chlorotoluene	11.366	91	783194	128.974	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	974678	132.743	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	114253	149.886	ug/l	91
82) 4-Chlorotoluene	11.457	91	895474	127.541	ug/l	98
83) tert-Butylbenzene	11.713	119	1033024	134.846	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	978667	132.830	ug/l	100
85) sec-Butylbenzene	11.890	105	1237871	136.770	ug/l	99
86) p-Isopropyltoluene	12.012	119	1081396	139.821	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	584124	137.468	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	584691	140.663	ug/l	99
89) n-Butylbenzene	12.335	91	911587	140.945	ug/l	100
90) Hexachloroethane	12.536	117	190845	152.951	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	555064	136.712	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	74324	143.794	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	410689	168.095	ug/l	99
94) Hexachlorobutadiene	13.725	225	194692	156.958	ug/l	100
95) Naphthalene	13.774	128	1163901	153.533	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	406558	164.008	ug/l	99

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

