

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091123\
 Data File : VX037652.D
 Acq On : 11 Sep 2023 20:14
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 12 09:58:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 09:13:03 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	159480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	288570	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	14738	5.712	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.420%#		
35) Dibromofluoromethane	5.385	113	10662	5.213	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.420%#		
50) Toluene-d8	8.647	98	40709	5.277	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.560%#		
62) 4-Bromofluorobenzene	11.079	95	13865	4.982	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.960%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	9192	5.391	ug/l	99
3) Chloromethane	1.301	50	10740	5.370	ug/l	97
4) Vinyl Chloride	1.374	62	11769	5.347	ug/l	97
5) Bromomethane	1.599	94	10423	5.561	ug/l	94
6) Chloroethane	1.679	64	7938m	5.304	ug/l	
7) Trichlorofluoromethane	1.880	101	20157	5.400	ug/l	98
8) Diethyl Ether	2.136	74	7648	5.070	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	8790	5.324	ug/l	96
10) Methyl Iodide	2.447	142	10021	5.106	ug/l	93
11) Tert butyl alcohol	2.965	59	20277	28.341	ug/l	97
12) 1,1-Dichloroethene	2.319	96	8513	5.249	ug/l	89
13) Acrolein	2.239	56	11827	28.054	ug/l	98
14) Allyl chloride	2.666	41	14718	5.099	ug/l	95
15) Acrylonitrile	3.069	53	31340	25.827	ug/l	98
16) Acetone	2.380	43	27634	25.907	ug/l #	86
17) Carbon Disulfide	2.508	76	21558	5.156	ug/l	95
18) Methyl Acetate	2.703	43	23162	5.181	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	34315	5.241	ug/l	98
20) Methylene Chloride	2.788	84	12588	5.059	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	9983	5.190	ug/l	93
22) Diisopropyl ether	3.764	45	32821	5.210	ug/l	96
23) Vinyl Acetate	3.727	43	115482	24.986	ug/l	99
24) 1,1-Dichloroethane	3.611	63	19651	5.332	ug/l	99
25) 2-Butanone	4.568	43	44092	25.745	ug/l	94
26) 2,2-Dichloropropane	4.483	77	12483	4.892	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	12215	5.311	ug/l	90
28) Bromochloromethane	4.898	49	10257	5.488	ug/l	94
29) Tetrahydrofuran	5.013	42	28047	25.390	ug/l	91
30) Chloroform	5.093	83	20413	5.109	ug/l	97
31) Cyclohexane	5.471	56	16139	5.432	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	16671	4.967	ug/l	99
36) 1,1-Dichloropropene	5.696	75	13913	4.933	ug/l	96
37) Ethyl Acetate	4.721	43	16705	5.135	ug/l #	95
38) Carbon Tetrachloride	5.678	117	13854	4.918	ug/l	89
39) Methylcyclohexane	7.385	83	16505	4.975	ug/l	96
40) Benzene	6.038	78	44374	5.174	ug/l	97

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41) Methacrylonitrile	4.934	41	8311	4.809	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	17468	5.256	ug/l	99
43) Isopropyl Acetate	6.348	43	25192	4.899	ug/l	99
44) Trichloroethene	7.129	130	10442	4.988	ug/l	95
45) 1,2-Dichloropropane	7.434	63	11697	5.197	ug/l	93
46) Dibromomethane	7.586	93	8320	5.067	ug/l	98
47) Bromodichloromethane	7.824	83	13926	4.732	ug/l #	96
48) Methyl methacrylate	7.696	41	11822	4.707	ug/l #	83
49) 1,4-Dioxane	7.665	88	5875	93.918	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	87265	25.738	ug/l	99
52) Toluene	8.720	92	27653	5.095	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	13194	4.436	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	15064	4.644	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	11453	4.908	ug/l #	95
56) Ethyl methacrylate	9.116	69	16928	4.827	ug/l	93
57) 1,3-Dichloropropane	9.311	76	19644	5.057	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	43808	25.882	ug/l	99
59) 2-Hexanone	9.433	43	64847	24.935	ug/l	97
60) Dibromochloromethane	9.525	129	10216	4.510	ug/l	95
61) 1,2-Dibromoethane	9.610	107	12064	4.903	ug/l	98
64) Tetrachloroethene	9.275	164	8923	5.208	ug/l	92
65) Chlorobenzene	10.080	112	29879	5.182	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	9476	4.709	ug/l	95
67) Ethyl Benzene	10.195	91	51924	5.064	ug/l	97
68) m/p-Xylenes	10.299	106	38779	9.925	ug/l	97
69) o-Xylene	10.640	106	19295	4.980	ug/l	95
70) Styrene	10.659	104	31044	4.857	ug/l	96
71) Bromoform	10.799	173	6338	4.120	ug/l #	97
73) Isopropylbenzene	10.964	105	51477	5.386	ug/l	99
74) N-amyl acetate	10.842	43	20588	4.880	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	19278	5.320	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	15069m	5.249	ug/l	
77) Bromobenzene	11.201	156	11537	5.030	ug/l	97
78) n-propylbenzene	11.305	91	56268	5.101	ug/l	100
79) 2-Chlorotoluene	11.366	91	35801	5.277	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	41310	5.117	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	3465	3.772	ug/l #	79
82) 4-Chlorotoluene	11.457	91	39840	5.160	ug/l	97
83) tert-Butylbenzene	11.713	119	40764	5.064	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	42364	5.224	ug/l	100
85) sec-Butylbenzene	11.890	105	50984	5.110	ug/l	100
86) p-Isopropyltoluene	12.012	119	40700	4.953	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	22834	5.239	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	22971	5.177	ug/l	94
89) n-Butylbenzene	12.335	91	36181	4.919	ug/l	94
90) Hexachloroethane	12.536	117	6353	4.573	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	22537	5.085	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3553	4.668	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	12397	4.816	ug/l	97
94) Hexachlorobutadiene	13.725	225	5465	4.899	ug/l	95
95) Naphthalene	13.774	128	44203	4.744	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	13247	4.991	ug/l	97

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

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