

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038834.D
 Acq On : 16 Nov 2023 11:43
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 16 22:43:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 15:22:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	176850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	331699	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	257768	90.456	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 180.920%#			
35) Dibromofluoromethane	5.385	113	219301	91.543	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 183.080%#			
50) Toluene-d8	8.646	98	824171	89.919	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 179.840%#			
62) 4-Bromofluorobenzene	11.079	95	332227	90.547	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 181.100%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	211719	102.601	ug/l	100
3) Chloromethane	1.294	50	252895	93.897	ug/l	98
4) Vinyl Chloride	1.373	62	247297	95.320	ug/l	100
5) Bromomethane	1.599	94	89797	83.714	ug/l	98
6) Chloroethane	1.672	64	133845	90.401	ug/l	95
7) Trichlorofluoromethane	1.879	101	310067	94.183	ug/l	99
8) Diethyl Ether	2.129	74	127965	89.243	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.324	101	199365	91.314	ug/l	99
10) Methyl Iodide	2.446	142	254588	95.806	ug/l	90
11) Tert butyl alcohol	2.971	59	385618	486.535	ug/l #	93
12) 1,1-Dichloroethene	2.312	96	203882	92.496	ug/l	89
13) Acrolein	2.233	56	191098	455.728	ug/l	100
14) Allyl chloride	2.660	41	418067	94.732	ug/l	90
15) Acrylonitrile	3.062	53	811249	484.409	ug/l	98
16) Acetone	2.379	43	685353	451.785	ug/l #	87
17) Carbon Disulfide	2.507	76	612161	89.658	ug/l	99
18) Methyl Acetate	2.702	43	710360	98.585	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	742337	95.752	ug/l	97
20) Methylene Chloride	2.788	84	242835	88.801	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	224210	92.187	ug/l	96
22) Diisopropyl ether	3.757	45	779669	96.303	ug/l	90
23) Vinyl Acetate	3.721	43	2791244	478.708	ug/l	97
24) 1,1-Dichloroethane	3.605	63	427602	94.448	ug/l	99
25) 2-Butanone	4.556	43	1165566	473.807	ug/l	95
26) 2,2-Dichloropropane	4.477	77	359315	91.495	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	265101	93.511	ug/l	95
28) Bromochloromethane	4.897	49	215896	99.323	ug/l	98
29) Tetrahydrofuran	5.001	42	769296	492.519	ug/l	97
30) Chloroform	5.092	83	412761	93.367	ug/l	96
31) Cyclohexane	5.470	56	386200	94.922	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	354247	92.513	ug/l	99
36) 1,1-Dichloropropene	5.690	75	317457	92.460	ug/l	98
37) Ethyl Acetate	4.714	43	428671	95.829	ug/l	97
38) Carbon Tetrachloride	5.678	117	299616	94.418	ug/l	97
39) Methylcyclohexane	7.378	83	408795	91.278	ug/l	95
40) Benzene	6.037	78	960461	94.579	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	227999	98.273	ug/l	93
42) 1,2-Dichloroethane	6.086	62	316366	94.029	ug/l	96
43) Isopropyl Acetate	6.336	43	685775	95.927	ug/l	97
44) Trichloroethene	7.122	130	232656	94.122	ug/l	94
45) 1,2-Dichloropropane	7.427	63	261541	95.703	ug/l	98
46) Dibromomethane	7.580	93	172793	94.813	ug/l	98
47) Bromodichloromethane	7.817	83	335693	92.806	ug/l	97
48) Methyl methacrylate	7.689	41	320755	92.474	ug/l	90
49) 1,4-Dioxane	7.659	88	135926	2025.586	ug/l #	95
51) 4-Methyl-2-Pentanone	8.573	43	2206950	483.072	ug/l	97
52) Toluene	8.720	92	581610	92.293	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	405069	94.235	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	422634	95.185	ug/l	90
55) 1,1,2-Trichloroethane	9.152	97	246548	93.764	ug/l	95
56) Ethyl methacrylate	9.116	69	440602	99.035	ug/l	92
57) 1,3-Dichloropropane	9.305	76	411942	94.728	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	1058414	510.692	ug/l	95
59) 2-Hexanone	9.433	43	1793241	489.710	ug/l	95
60) Dibromochloromethane	9.518	129	255542	95.579	ug/l	100
61) 1,2-Dibromoethane	9.610	107	261885	94.914	ug/l	99
64) Tetrachloroethene	9.274	164	174463	91.837	ug/l	96
65) Chlorobenzene	10.079	112	614218	93.297	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	222454	93.934	ug/l	97
67) Ethyl Benzene	10.195	91	1137234	94.020	ug/l	99
68) m/p-Xylenes	10.299	106	862378	188.478	ug/l	99
69) o-Xylene	10.640	106	431727	95.359	ug/l	98
70) Styrene	10.652	104	728349	95.258	ug/l	98
71) Bromoform	10.799	173	195127	98.837	ug/l #	100
73) Isopropylbenzene	10.963	105	1095026	91.632	ug/l	99
74) N-amyl acetate	10.841	43	617396	97.733	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	433963	93.026	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	362162m	97.168	ug/l	
77) Bromobenzene	11.195	156	249051	92.749	ug/l	95
78) n-propylbenzene	11.305	91	1365558	92.835	ug/l	99
79) 2-Chlorotoluene	11.366	91	810781	92.877	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	948371	94.383	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	171408	99.353	ug/l #	78
82) 4-Chlorotoluene	11.457	91	946235	94.007	ug/l	100
83) tert-Butylbenzene	11.713	119	941491	95.139	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	957797	94.177	ug/l	98
85) sec-Butylbenzene	11.890	105	1224743	94.616	ug/l	99
86) p-Isopropyltoluene	12.006	119	979237	94.239	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	494864	94.112	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	497446	92.431	ug/l	99
89) n-Butylbenzene	12.329	91	1005015	95.863	ug/l	98
90) Hexachloroethane	12.536	117	201775	97.238	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	466354	93.508	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	107882	94.390	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	304984	91.256	ug/l	98
94) Hexachlorobutadiene	13.725	225	109333	92.379	ug/l	98
95) Naphthalene	13.774	128	1174742	94.378	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	297829	94.008	ug/l	99

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

