

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038041.D
 Acq On : 03 Oct 2023 16:10
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 04 08:47:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 08:39:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/04/2023
 Supervised By :Semsettin Yesilyurt 10/04/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	134983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229934	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110249	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	1294	0.962	ug/l	94
3) Chloromethane	1.301	50	2297	1.297	ug/l	100
4) Vinyl Chloride	1.374	62	1640	1.026	ug/l #	81
6) Chloroethane	1.691	64	1433	1.194	ug/l #	84
7) Trichlorofluoromethane	1.892	101	3309	1.050	ug/l	92
8) Diethyl Ether	2.136	74	1192	1.034	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	1491	1.086	ug/l	94
12) 1,1-Dichloroethene	2.319	96	1264	0.989	ug/l	93
14) Allyl chloride	2.666	41	2254	0.995	ug/l	87
15) Acrylonitrile	3.069	53	4930	5.028	ug/l	98
16) Acetone	2.380	43	5046	5.471	ug/l #	78
17) Carbon Disulfide	2.508	76	4182	1.157	ug/l	96
18) Methyl Acetate	2.703	43	3928	0.991	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	4703	0.953	ug/l	98
20) Methylene Chloride	2.788	84	3158	1.374	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	1510	0.983	ug/l #	89
22) Diisopropyl ether	3.764	45	4451	0.940	ug/l #	82
23) Vinyl Acetate	3.727	43	14375	4.222	ug/l #	94
24) 1,1-Dichloroethane	3.617	63	2949	1.026	ug/l #	83
25) 2-Butanone	4.574	43	7107	4.887	ug/l	95
26) 2,2-Dichloropropane	4.483	77	2108	0.934	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	1716	0.958	ug/l	92
28) Bromochloromethane	4.904	49	1228	0.908	ug/l #	98
29) Tetrahydrofuran	5.013	42	4610	4.915	ug/l #	81
30) Chloroform	5.099	83	3118	0.996	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	2427	0.932	ug/l #	52
36) 1,1-Dichloropropene	5.708	75	2610	1.123	ug/l	98
37) Ethyl Acetate	4.727	43	2063	0.790	ug/l #	72
38) Carbon Tetrachloride	5.678	117	2256	0.997	ug/l	94
39) Methylcyclohexane	7.379	83	2698	0.982	ug/l	91
40) Benzene	6.038	78	6539	0.997	ug/l	96
41) Methacrylonitrile	4.940	41	1038	0.794	ug/l #	50
42) 1,2-Dichloroethane	6.105	62	2468	0.960	ug/l	94
43) Isopropyl Acetate	6.349	43	3512	0.868	ug/l #	84
44) Trichloroethene	7.135	130	2010	1.136	ug/l	88
45) 1,2-Dichloropropane	7.440	63	1454	0.871	ug/l	97

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46) Dibromomethane	7.592	93	1320	1.021	ug/l	94
47) Bromodichloromethane	7.830	83	2050	0.911	ug/l #	84
48) Methyl methacrylate	7.702	41	1814	0.933	ug/l	92
49) 1,4-Dioxane	7.671	88	830	19.039	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	12382	4.406	ug/l	99
52) Toluene	8.720	92	4147	0.977	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	1972	0.832	ug/l	94
54) cis-1,3-Dichloropropene	8.373	75	2019	0.800	ug/l #	87
55) 1,1,2-Trichloroethane	9.159	97	1550	0.899	ug/l	94
56) Ethyl methacrylate	9.122	69	2011	0.776	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	2703	0.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	5263	3.975	ug/l	100
59) 2-Hexanone	9.433	43	9765	4.344	ug/l	98
60) Dibromochloromethane	9.519	129	1363	0.822	ug/l	93
61) 1,2-Dibromoethane	9.610	107	1663	0.890	ug/l	100
64) Tetrachloroethene	9.281	164	1607	1.114	ug/l #	78
65) Chlorobenzene	10.080	112	4754	1.045	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	1344	0.886	ug/l #	64
67) Ethyl Benzene	10.195	91	7819	0.955	ug/l #	85
68) m/p-Xylenes	10.305	106	6050	1.930	ug/l	98
69) o-Xylene	10.640	106	2736	0.919	ug/l	88
70) Styrene	10.659	104	4449	0.905	ug/l	95
71) Bromoform	10.799	173	864	0.749	ug/l #	97
73) Isopropylbenzene	10.964	105	7074	0.945	ug/l	98
74) N-amyl acetate	10.848	43	2886	0.857	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	2714	0.969	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	2513m	0.930	ug/l	
77) Bromobenzene	11.201	156	1984	1.082	ug/l	87
78) n-propylbenzene	11.305	91	8870	0.965	ug/l	98
79) 2-Chlorotoluene	11.366	91	5675	1.063	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	5890	0.925	ug/l	97
82) 4-Chlorotoluene	11.457	91	6814	1.059	ug/l	95
83) tert-Butylbenzene	11.713	119	6052	0.956	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	6099	0.950	ug/l	99
85) sec-Butylbenzene	11.890	105	7671	0.934	ug/l	97
86) p-Isopropyltoluene	12.012	119	6119	0.910	ug/l	88
87) 1,3-Dichlorobenzene	11.969	146	4245	1.154	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	4597m	1.216	ug/l	
89) n-Butylbenzene	12.335	91	6606	0.984	ug/l	95
90) Hexachloroethane	12.543	117	968	0.883	ug/l	89
91) 1,2-Dichlorobenzene	12.341	146	3627	1.036	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	516	0.810	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	2977	1.226	ug/l	91
94) Hexachlorobutadiene	13.725	225	1240	1.197	ug/l	86
95) Naphthalene	13.774	128	8506	1.039	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2729	1.162	ug/l	96

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

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