

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081723\
 Data File : VX037058.D
 Acq On : 17 Aug 2023 13:58
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Aug 18 05:02:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 05:01:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/18/2023
 Supervised By : Semsettin Yesilyurt 08/18/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	166970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	294632	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125503	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	1.166	85	1655	0.758	ug/l	94
3) Chloromethane	1.301	50	1584m	0.794	ug/l	
4) Vinyl Chloride	1.374	62	1567	0.777	ug/l #	86
6) Chloroethane	1.679	64	933	0.937	ug/l #	76
7) Trichlorofluoromethane	1.886	101	2879	0.921	ug/l	84
8) Diethyl Ether	2.136	74	1028	0.825	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	1691	0.908	ug/l	99
12) 1,1-Dichloroethene	2.319	96	1668	0.901	ug/l #	77
14) Allyl chloride	2.660	41	2857	0.801	ug/l #	94
15) Acrylonitrile	3.069	53	5060	4.353	ug/l	97
16) Acetone	2.380	43	5611	5.481	ug/l	90
17) Carbon Disulfide	2.514	76	5036	1.000	ug/l	97
18) Methyl Acetate	2.709	43	3691	0.872	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	6274	0.890	ug/l #	90
20) Methylene Chloride	2.788	84	2429	1.068	ug/l	86
21) trans-1,2-Dichloroethene	3.087	96	2136	1.021	ug/l #	67
22) Diisopropyl ether	3.757	45	5224	0.765	ug/l #	68
23) Vinyl Acetate	3.727	43	19242	3.671	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	3299	0.851	ug/l #	84
25) 2-Butanone	4.580	43	7263	4.419	ug/l	95
26) 2,2-Dichloropropane	4.483	77	2825	0.782	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	2424	0.974	ug/l	84
28) Bromochloromethane	4.910	49	1541m	0.830	ug/l	
29) Tetrahydrofuran	5.013	42	4453	4.214	ug/l #	87
30) Chloroform	5.099	83	3724	0.922	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	3226	0.881	ug/l #	49
36) 1,1-Dichloropropene	5.696	75	2679	0.902	ug/l	95
37) Ethyl Acetate	4.739	43	3028m	0.906	ug/l	
38) Carbon Tetrachloride	5.678	117	2749	0.867	ug/l	91
39) Methylcyclohexane	7.385	83	2599	0.731	ug/l	88
40) Benzene	6.037	78	7684	0.883	ug/l	98
41) Methacrylonitrile	4.928	41	1321m	0.740	ug/l	
42) 1,2-Dichloroethane	6.092	62	3028	0.939	ug/l	93
43) Isopropyl Acetate	6.348	43	4140	0.723	ug/l	97
44) Trichloroethene	7.129	130	2273	0.992	ug/l	96
45) 1,2-Dichloropropane	7.427	63	1780	0.773	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.580	93	1371	0.833	ug/l	93
47) Bromodichloromethane	7.830	83	2528	0.756	ug/l	91
48) Methyl methacrylate	7.702	41	1985	0.745	ug/l #	87
49) 1,4-Dioxane	7.671	88	1045	18.446	ug/l #	82
51) 4-Methyl-2-Pentanone	8.574	43	12912	4.060	ug/l	91
52) Toluene	8.720	92	5092	0.930	ug/l	94
53) t-1,3-Dichloropropene	8.988	75	2528	0.675	ug/l	93
54) cis-1,3-Dichloropropene	8.372	75	2927	0.739	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	1956	0.847	ug/l #	86
56) Ethyl methacrylate	9.122	69	2704	0.726	ug/l	97
57) 1,3-Dichloropropane	9.311	76	3358	0.876	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.244	63	8345	4.560	ug/l	93
59) 2-Hexanone	9.433	43	9814	4.134	ug/l	94
60) Dibromochloromethane	9.525	129	1965	0.776	ug/l	97
61) 1,2-Dibromoethane	9.610	107	2177	0.904	ug/l	97
64) Tetrachloroethene	9.269	164	1916	0.979	ug/l	91
65) Chlorobenzene	10.079	112	5645	0.973	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	1877	0.837	ug/l #	64
67) Ethyl Benzene	10.195	91	10510	0.999	ug/l	95
68) m/p-Xylenes	10.305	106	7687	1.953	ug/l	98
69) o-Xylene	10.646	106	3533	0.899	ug/l	95
70) Styrene	10.659	104	5681	0.873	ug/l	98
71) Bromoform	10.799	173	1279	0.709	ug/l #	96
73) Isopropylbenzene	10.963	105	9065	0.892	ug/l	99
74) N-amyl acetate	10.848	43	3251	0.694	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	2797	0.806	ug/l	93
76) 1,2,3-Trichloropropane	11.244	75	2560m	0.878	ug/l	
77) Bromobenzene	11.201	156	2309	0.983	ug/l	93
78) n-propylbenzene	11.305	91	9892	0.850	ug/l	97
79) 2-Chlorotoluene	11.366	91	6843	0.955	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	7512	0.883	ug/l	99
82) 4-Chlorotoluene	11.457	91	7817	0.956	ug/l	98
83) tert-Butylbenzene	11.713	119	7116	0.859	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	7846	0.920	ug/l	99
85) sec-Butylbenzene	11.890	105	8410	0.825	ug/l	98
86) p-Isopropyltoluene	12.012	119	7077	0.840	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	4171	0.961	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	4582m	1.058	ug/l	
89) n-Butylbenzene	12.335	91	5898	0.792	ug/l	97
90) Hexachloroethane	12.542	117	1034	0.614	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	4119	0.974	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	628	0.768	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	2536	0.991	ug/l	92
94) Hexachlorobutadiene	13.725	225	1414	1.360	ug/l	95
95) Naphthalene	13.774	128	23722	2.572	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2440	0.963	ug/l	94

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

