

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036600.D
 Acq On : 21 Jul 2023 09:46
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Jul 21 11:49:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 11:46:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	200468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	342961	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	306073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	139233	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	3173	1.578	ug/l	99
3) Chloromethane	1.295	50	2837	0.908	ug/l	100
4) Vinyl Chloride	1.374	62	2462	0.723	ug/l	90
6) Chloroethane	1.691	64	1285	0.532	ug/l #	84
7) Trichlorofluoromethane	1.892	101	3819	0.734	ug/l	94
8) Diethyl Ether	2.130	74	1739	0.872	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	2227	0.974	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	2390	1.054	ug/l	92
14) Allyl chloride	2.666	41	4822	1.267	ug/l	97
15) Acrylonitrile	3.069	53	7265	5.405	ug/l	97
16) Acetone	2.392	43	6858	5.539	ug/l	91
17) Carbon Disulfide	2.514	76	6636	1.165	ug/l	95
18) Methyl Acetate	2.703	43	5287	1.038	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	8682	1.153	ug/l	97
20) Methylene Chloride	2.788	84	3478	1.310	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	2753	1.125	ug/l	91
22) Diisopropyl ether	3.758	45	8902	1.177	ug/l	89
23) Vinyl Acetate	3.721	43	32480	5.854	ug/l	100
24) 1,1-Dichloroethane	3.617	63	4727	1.068	ug/l	96
25) 2-Butanone	4.568	43	10115	5.590	ug/l	93
26) 2,2-Dichloropropane	4.477	77	4717	1.425	ug/l	81
27) cis-1,2-Dichloroethene	4.483	96	3271	1.184	ug/l	81
28) Bromochloromethane	4.898	49	2290	0.997	ug/l #	96
29) Tetrahydrofuran	5.020	42	6512	5.626	ug/l	97
30) Chloroform	5.087	83	5013	1.122	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	4535	1.197	ug/l #	50
36) 1,1-Dichloropropene	5.690	75	3571	1.050	ug/l #	92
37) Ethyl Acetate	4.721	43	4024	1.137	ug/l #	94
38) Carbon Tetrachloride	5.672	117	3878	1.220	ug/l	84
39) Methylcyclohexane	7.379	83	4496	1.101	ug/l	90
40) Benzene	6.038	78	10433	1.091	ug/l	98
41) Methacrylonitrile	4.934	41	2013	1.032	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	3697	1.023	ug/l	93
43) Isopropyl Acetate	6.336	43	7475	1.311	ug/l	97
44) Trichloroethene	7.123	130	2704	1.026	ug/l	96
45) 1,2-Dichloropropane	7.434	63	2851	1.100	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.580	93	1986	1.087	ug/l	92
47) Bromodichloromethane	7.818	83	3955	1.178	ug/l	92
48) Methyl methacrylate	7.696	41	3260	1.158	ug/l	91
49) 1,4-Dioxane	7.708	88	1211	19.760	ug/l #	60
51) 4-Methyl-2-Pentanone	8.574	43	19372	5.399	ug/l	95
52) Toluene	8.720	92	6524	1.077	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	4283	1.233	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	4748	1.230	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	3068	1.221	ug/l	91
56) Ethyl methacrylate	9.116	69	4390	1.145	ug/l	92
57) 1,3-Dichloropropane	9.311	76	4404	1.021	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	10335	4.968	ug/l	99
59) 2-Hexanone	9.433	43	13986	5.329	ug/l	92
60) Dibromochloromethane	9.519	129	3022	1.208	ug/l	94
61) 1,2-Dibromoethane	9.610	107	2793	1.048	ug/l	96
64) Tetrachloroethene	9.275	164	2350	1.074	ug/l	92
65) Chlorobenzene	10.080	112	6915	1.064	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	2551	1.140	ug/l #	66
67) Ethyl Benzene	10.195	91	12591	1.085	ug/l	91
68) m/p-Xylenes	10.299	106	9141	2.038	ug/l	99
69) o-Xylene	10.640	106	4525	1.035	ug/l	92
70) Styrene	10.659	104	7461	1.043	ug/l	96
71) Bromoform	10.799	173	2001	1.211	ug/l #	96
73) Isopropylbenzene	10.964	105	11804	1.116	ug/l	98
74) N-amyl acetate	10.842	43	5671	1.318	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	4507	1.257	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	3685m	1.218	ug/l	
77) Bromobenzene	11.201	156	2545	0.982	ug/l	91
78) n-propylbenzene	11.305	91	13363	1.080	ug/l	98
79) 2-Chlorotoluene	11.366	91	8579	1.162	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	9800	1.093	ug/l	100
82) 4-Chlorotoluene	11.451	91	9773	1.141	ug/l	98
83) tert-Butylbenzene	11.713	119	9632	1.117	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	10008	1.126	ug/l	96
85) sec-Butylbenzene	11.890	105	11659	1.068	ug/l	97
86) p-Isopropyltoluene	12.006	119	9272	1.014	ug/l	91
87) 1,3-Dichlorobenzene	11.970	146	4771	1.002	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	4661m	0.962	ug/l	
89) n-Butylbenzene	12.329	91	8133	0.998	ug/l	98
90) Hexachloroethane	12.536	117	1917	1.312	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	4758	1.017	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	899	1.279	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	2590	0.899	ug/l	95
94) Hexachlorobutadiene	13.719	225	1189	1.004	ug/l	93
95) Naphthalene	13.774	128	9385	0.983	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	2585	0.921	ug/l	98

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

