

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036637.D
 Acq On : 24 Jul 2023 18:08
 Operator : JC/MD
 Sample : 03742-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jul 25 06:38:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	166977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	301161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	276262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128320	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114334	46.277	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.560%
35) Dibromofluoromethane	5.385	113	95182	45.981	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.960%
50) Toluene-d8	8.647	98	360886	49.162	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.320%
62) 4-Bromofluorobenzene	11.079	95	138856	50.137	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.280%

Target Compounds				Qvalue		
5) Bromomethane	1.618	94	203	0.166	ug/l #	67
6) Chloroethane	1.691	64	132	0.133	ug/l #	40
10) Methyl Iodide	2.453	142	20	0.010	ug/l #	34
11) Tert butyl alcohol	2.989	59	42	0.072	ug/l #	1
12) 1,1-Dichloroethene	2.209	96	236	0.126	ug/l #	1
14) Allyl chloride	2.654	41	206	0.056	ug/l #	51
16) Acetone	2.392	43	2282	2.226	ug/l #	76
17) Carbon Disulfide	2.514	76	427	0.083	ug/l #	76
18) Methyl Acetate	2.709	43	213	0.049	ug/l #	53
20) Methylene Chloride	2.794	84	1044	0.458	ug/l #	73
22) Diisopropyl ether	3.678	45	50	0.007	ug/l #	38
23) Vinyl Acetate	3.733	43	70	0.013	ug/l #	73
25) 2-Butanone	4.574	43	83	0.050	ug/l #	51
29) Tetrahydrofuran	5.013	42	46	0.043	ug/l #	34
32) 1,1,1-Trichloroethane	5.550	97	38	0.010	ug/l #	1
37) Ethyl Acetate	4.702	43	107	0.031	ug/l #	69
40) Benzene	6.038	78	20	0.002	ug/l #	51
41) Methacrylonitrile	4.916	41	73	0.039	ug/l #	25
42) 1,2-Dichloroethane	6.099	62	185	0.056	ug/l #	77
43) Isopropyl Acetate	6.330	43	37	0.006	ug/l #	62
48) Methyl methacrylate	7.678	41	41	0.015	ug/l #	1
51) 4-Methyl-2-Pentanone	8.562	43	84	0.025	ug/l #	37
52) Toluene	8.726	92	150	0.027	ug/l #	40
56) Ethyl methacrylate	8.879	69	23	0.006	ug/l #	22
59) 2-Hexanone	9.445	43	370	0.150	ug/l #	26
67) Ethyl Benzene	10.189	91	137	0.012	ug/l #	44
68) m/p-Xylenes	10.311	106	71	0.017	ug/l #	1
73) Isopropylbenzene	11.079	105	233	0.022	ug/l #	49
74) N-amyl acetate	10.823	43	111	0.022	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.085	83	169	0.047	ug/l #	1
78) n-propylbenzene	11.305	91	255	0.021	ug/l #	53
79) 2-Chlorotoluene	11.305	91	255	0.034	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.384	105	226	0.025	ug/l #	29
82) 4-Chlorotoluene	11.463	91	53	0.006	ug/l #	46
84) 1,2,4-Trimethylbenzene	11.756	105	201	0.023	ug/l #	33
85) sec-Butylbenzene	11.890	105	84	0.008	ug/l #	57

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.012	119	98	0.011	ug/l #	1
87) 1,3-Dichlorobenzene	12.043	146	67	0.015	ug/l #	24
88) 1,4-Dichlorobenzene	12.043	146	67	0.015	ug/l #	24
89) n-Butylbenzene	12.329	91	135	0.017	ug/l #	46
95) Naphthalene	13.780	128	1389	0.150	ug/l #	90

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

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