

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036632.D
 Acq On : 24 Jul 2023 16:09
 Operator : JC/MD
 Sample : 03722-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 32399

Quant Time: Jul 25 06:36:44 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	5.556	168	162924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	292081	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117173	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109904	45.590	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.180%
35) Dibromofluoromethane	5.391	113	93261	46.454	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.900%
50) Toluene-d8	8.647	98	350477	49.228	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.460%
62) 4-Bromofluorobenzene	11.079	95	129749	48.305	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.620%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.319	85	42	0.020	ug/l #	41
6) Chloroethane	1.685	64	190	0.196	ug/l #	43
8) Diethyl Ether	2.087	74	20	0.017	ug/l #	1
12) 1,1-Dichloroethene	2.313	96	19	0.010	ug/l #	1
14) Allyl chloride	2.642	41	83	0.023	ug/l #	12
15) Acrylonitrile	3.044	53	53	0.046	ug/l #	17
16) Acetone	2.386	43	29969	29.959	ug/l	91
17) Carbon Disulfide	2.514	76	5022	0.997	ug/l #	93
18) Methyl Acetate	2.715	43	223	0.053	ug/l #	53
19) Methyl tert-butyl Ether	3.123	73	310	0.045	ug/l #	62
20) Methylene Chloride	2.794	84	302	0.136	ug/l #	36
21) trans-1,2-Dichloroethene	3.111	96	24	0.012	ug/l #	1
22) Diisopropyl ether	3.776	45	20	0.003	ug/l #	40
23) Vinyl Acetate	3.727	43	132	0.025	ug/l #	73
25) 2-Butanone	4.574	43	6059	3.733	ug/l #	89
26) 2,2-Dichloropropane	4.288	77	20	0.006	ug/l #	54
29) Tetrahydrofuran	5.013	42	43	0.041	ug/l #	34
30) Chloroform	5.093	83	480	0.123	ug/l #	80
32) 1,1,1-Trichloroethane	5.428	97	40	0.011	ug/l #	23
39) Methylcyclohexane	7.391	83	214	0.058	ug/l #	42
40) Benzene	6.044	78	235	0.027	ug/l #	45
41) Methacrylonitrile	4.934	41	55	0.030	ug/l #	1
42) 1,2-Dichloroethane	6.092	62	214	0.067	ug/l #	77
43) Isopropyl Acetate	6.354	43	584	0.100	ug/l #	62
47) Bromodichloromethane	7.604	83	19	0.006	ug/l #	26
48) Methyl methacrylate	7.659	41	187	0.069	ug/l #	36
51) 4-Methyl-2-Pentanone	8.574	43	5354	1.659	ug/l	97
52) Toluene	8.720	92	2337	0.428	ug/l	100
55) 1,1,2-Trichloroethane	9.098	97	212	0.092	ug/l #	17
56) Ethyl methacrylate	9.153	69	25	0.007	ug/l #	1
59) 2-Hexanone	9.433	43	1100	0.459	ug/l	96
67) Ethyl Benzene	10.195	91	10442	0.979	ug/l	97
68) m/p-Xylenes	10.299	106	22005	5.532	ug/l	98
69) o-Xylene	10.640	106	23224	5.849	ug/l	96
73) Isopropylbenzene	10.963	105	9111	0.940	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.226	83	46	0.014	ug/l #	26

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

78) n-propylbenzene	11.305	91	20148	1.797	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	32171	3.966	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	136148	16.781	ug/l	96
85) sec-Butylbenzene	11.890	105	13098	1.318	ug/l	90
86) p-Isopropyltoluene	12.012	119	8602	1.052	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	56	0.014	ug/l #	51
88) 1,4-Dichlorobenzene	12.036	146	119	0.029	ug/l #	1
89) n-Butylbenzene	12.329	91	18889	2.580	ug/l #	35
93) 1,2,4-Trichlorobenzene	13.579	180	68	0.028	ug/l #	1
95) Naphthalene	13.774	128	137739	16.254	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	66	0.028	ug/l #	1

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

