

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036633.D
 Acq On : 24 Jul 2023 16:33
 Operator : JC/MD
 Sample : 03722-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 32416

Quant Time: Jul 25 06:37:09 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	158031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	283882	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119584	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109304	46.745	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.500%
35) Dibromofluoromethane	5.385	113	91302	46.792	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.580%
50) Toluene-d8	8.647	98	341488	49.351	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.700%
62) 4-Bromofluorobenzene	11.079	95	130643	50.043	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.080%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.173	85	20	0.010	ug/l #	41
3) Chloromethane	1.288	50	249	0.131	ug/l #	43
4) Vinyl Chloride	1.374	62	20	0.010	ug/l #	1
6) Chloroethane	1.685	64	24	0.026	ug/l #	9
12) 1,1-Dichloroethene	2.233	96	75	0.042	ug/l #	1
14) Allyl chloride	2.654	41	132	0.038	ug/l #	53
15) Acrylonitrile	3.069	53	71	0.064	ug/l #	17
16) Acetone	2.380	43	62670	64.588	ug/l	94
17) Carbon Disulfide	2.514	76	3158	0.647	ug/l	99
18) Methyl Acetate	2.709	43	375	0.092	ug/l #	53
19) Methyl tert-butyl Ether	3.117	73	138	0.021	ug/l #	54
20) Methylene Chloride	2.794	84	1353	0.627	ug/l #	90
22) Diisopropyl ether	3.831	45	20	0.003	ug/l #	28
23) Vinyl Acetate	3.733	43	201	0.040	ug/l #	73
25) 2-Butanone	4.568	43	16808	10.677	ug/l	94
29) Tetrahydrofuran	5.025	42	66	0.065	ug/l #	34
30) Chloroform	5.093	83	164	0.043	ug/l #	19
39) Methylcyclohexane	7.373	83	284	0.079	ug/l #	48
40) Benzene	6.025	78	504	0.060	ug/l #	51
41) Methacrylonitrile	4.922	41	38	0.022	ug/l #	25
42) 1,2-Dichloroethane	6.092	62	226	0.073	ug/l #	77
43) Isopropyl Acetate	6.348	43	217	0.038	ug/l #	62
47) Bromodichloromethane	7.696	83	19	0.006	ug/l #	26
48) Methyl methacrylate	7.702	41	64	0.024	ug/l #	1
51) 4-Methyl-2-Pentanone	8.580	43	6671	2.127	ug/l	95
52) Toluene	8.720	92	2170	0.409	ug/l	100
55) 1,1,2-Trichloroethane	9.104	97	175	0.079	ug/l #	17
56) Ethyl methacrylate	9.098	69	63	0.017	ug/l #	1
59) 2-Hexanone	9.439	43	2389	1.027	ug/l	100
65) Chlorobenzene	10.086	112	41	0.007	ug/l #	43
67) Ethyl Benzene	10.195	91	6112	0.586	ug/l	95
68) m/p-Xylenes	10.299	106	14889	3.829	ug/l	99
69) o-Xylene	10.640	106	19346	4.984	ug/l	99
70) Styrene	10.646	104	1144	0.179	ug/l #	1
73) Isopropylbenzene	10.963	105	6579	0.665	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.226	83	79	0.024	ug/l #	92

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78) n-propylbenzene	11.305	91	11844	1.035	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	29717	3.589	ug/l	98
82) 4-Chlorotoluene	11.451	91	3650	0.462	ug/l #	46
84) 1,2,4-Trimethylbenzene	11.750	105	88903	10.737	ug/l	97
85) sec-Butylbenzene	11.890	105	11169	1.101	ug/l	92
86) p-Isopropyltoluene	12.006	119	6958	0.834	ug/l	92
87) 1,3-Dichlorobenzene	11.975	146	70	0.017	ug/l #	10
88) 1,4-Dichlorobenzene	12.036	146	140	0.034	ug/l #	1
89) n-Butylbenzene	12.323	91	15378	2.058	ug/l #	21
93) 1,2,4-Trichlorobenzene	13.585	180	90	0.036	ug/l #	1
95) Naphthalene	13.774	128	85362	9.870	ug/l	99

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

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