

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036626.D
 Acq On : 24 Jul 2023 12:56
 Operator : JC/MD
 Sample : 03686-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230721

Quant Time: Jul 25 06:35:57 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	171495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	305957	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	283672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125803	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	116629	45.962	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.920%
35) Dibromofluoromethane	5.385	113	96972	46.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.220%
50) Toluene-d8	8.647	98	367904	49.333	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.660%
62) 4-Bromofluorobenzene	11.079	95	140621	49.978	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.960%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.319	85	20	0.009	ug/l #	41
6) Chloroethane	1.697	64	73	0.072	ug/l #	73
8) Diethyl Ether	2.191	74	41	0.033	ug/l	89
10) Methyl Iodide	2.453	142	120	0.059	ug/l #	34
12) 1,1-Dichloroethene	2.325	96	51	0.027	ug/l #	28
14) Allyl chloride	2.636	41	29	0.008	ug/l #	34
15) Acrylonitrile	3.075	53	29	0.024	ug/l #	1
18) Methyl Acetate	2.697	43	136	0.031	ug/l #	53
21) trans-1,2-Dichloroethene	3.099	96	109	0.051	ug/l #	47
22) Diisopropyl ether	3.666	45	22	0.003	ug/l #	21
23) Vinyl Acetate	3.733	43	257	0.047	ug/l #	73
25) 2-Butanone	4.556	43	99	0.058	ug/l #	51
26) 2,2-Dichloropropane	4.568	77	60	0.016	ug/l #	54
27) cis-1,2-Dichloroethene	4.501	96	71	0.028	ug/l #	1
30) Chloroform	5.093	83	75	0.018	ug/l #	19
31) Cyclohexane	5.471	56	249	0.071	ug/l #	18
32) 1,1,1-Trichloroethane	5.501	97	19	0.005	ug/l #	23
37) Ethyl Acetate	4.709	43	49	0.014	ug/l #	1
39) Methylcyclohexane	7.373	83	44	0.011	ug/l #	23
41) Methacrylonitrile	4.959	41	222	0.117	ug/l #	32
42) 1,2-Dichloroethane	6.080	62	72	0.022	ug/l #	77
43) Isopropyl Acetate	6.355	43	32	0.005	ug/l #	62
44) Trichloroethene	7.135	130	20	0.008	ug/l	16
47) Bromodichloromethane	7.897	83	20	0.006	ug/l #	26
48) Methyl methacrylate	7.696	41	52	0.018	ug/l #	26
51) 4-Methyl-2-Pentanone	8.580	43	161	0.048	ug/l #	37
52) Toluene	8.653	92	31	0.005	ug/l	91
53) t-1,3-Dichloropropene	8.982	75	93	0.024	ug/l #	43
54) cis-1,3-Dichloropropene	8.379	75	46	0.011	ug/l #	7
56) Ethyl methacrylate	9.129	69	62	0.016	ug/l #	1
59) 2-Hexanone	9.439	43	91	0.036	ug/l #	26
65) Chlorobenzene	10.080	112	174	0.028	ug/l #	43
67) Ethyl Benzene	10.195	91	319	0.028	ug/l #	44
68) m/p-Xylenes	10.299	106	179	0.042	ug/l #	45
70) Styrene	10.665	104	127	0.018	ug/l #	84
73) Isopropylbenzene	10.964	105	166	0.016	ug/l #	49

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

74) N-amyl acetate	10.848	43	328	0.068	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.092	83	198	0.056	ug/l #	4
77) Bromobenzene	11.201	156	74	0.031	ug/l	65
78) n-propylbenzene	11.305	91	582	0.048	ug/l #	69
79) 2-Chlorotoluene	11.366	91	254	0.035	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	242	0.028	ug/l #	42
82) 4-Chlorotoluene	11.457	91	433	0.052	ug/l	75
83) tert-Butylbenzene	11.720	119	214	0.025	ug/l #	85
84) 1,2,4-Trimethylbenzene	11.756	105	284	0.033	ug/l	95
85) sec-Butylbenzene	11.890	105	395	0.037	ug/l #	57
86) p-Isopropyltoluene	12.012	119	398	0.045	ug/l #	1
87) 1,3-Dichlorobenzene	11.969	146	337	0.077	ug/l	79
88) 1,4-Dichlorobenzene	11.969	146	337	0.077	ug/l	79
89) n-Butylbenzene	12.341	91	555	0.071	ug/l	90
91) 1,2-Dichlorobenzene	12.341	146	158	0.037	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	292	0.112	ug/l #	64
94) Hexachlorobutadiene	13.719	225	125	0.116	ug/l #	32
95) Naphthalene	13.780	128	979	0.108	ug/l #	74
96) 1,2,3-Trichlorobenzene	13.963	180	211	0.082	ug/l	95

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

