

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036611.D
 Acq On : 21 Jul 2023 16:01
 Operator : JC/MD
 Sample : BLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BLK

Quant Time: Jul 21 23:06:59 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	165546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	278577	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102968	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99134	40.471	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	80.940%
35) Dibromofluoromethane	5.385	113	85917	44.870	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.740%
50) Toluene-d8	8.647	98	331872	48.875	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.740%
62) 4-Bromofluorobenzene	11.079	95	117854	46.004	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.160	85	188	0.086	ug/l #	41
3) Chloromethane	1.301	50	372	0.187	ug/l #	66
4) Vinyl Chloride	1.374	62	43	0.021	ug/l #	73
7) Trichlorofluoromethane	1.892	101	142	0.045	ug/l	92
8) Diethyl Ether	2.111	74	101	0.083	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.337	101	98	0.052	ug/l #	1
10) Methyl Iodide	2.453	142	326	0.167	ug/l #	61
14) Allyl chloride	2.666	41	344	0.094	ug/l #	83
18) Methyl Acetate	2.709	43	438	0.102	ug/l #	73
19) Methyl tert-butyl Ether	3.105	73	74	0.011	ug/l #	54
21) trans-1,2-Dichloroethene	3.093	96	318	0.153	ug/l #	66
22) Diisopropyl ether	3.751	45	155	0.022	ug/l #	38
23) Vinyl Acetate	3.739	43	275	0.052	ug/l #	73
25) 2-Butanone	4.568	43	117	0.071	ug/l #	51
26) 2,2-Dichloropropane	4.471	77	83	0.023	ug/l	89
27) cis-1,2-Dichloroethene	4.483	96	77	0.031	ug/l #	28
28) Bromochloromethane	4.916	49	48	0.026	ug/l #	16
29) Tetrahydrofuran	5.026	42	146	0.137	ug/l #	1
30) Chloroform	4.989	83	110	0.028	ug/l	99
31) Cyclohexane	5.452	56	302	0.089	ug/l #	52
32) 1,1,1-Trichloroethane	5.391	97	109	0.030	ug/l #	23
37) Ethyl Acetate	4.745	43	205	0.063	ug/l #	15
39) Methylcyclohexane	7.373	83	258	0.073	ug/l #	76
40) Benzene	6.038	78	270	0.033	ug/l #	51
41) Methacrylonitrile	4.916	41	251	0.145	ug/l #	44
42) 1,2-Dichloroethane	6.092	62	185	0.061	ug/l #	77
43) Isopropyl Acetate	6.355	43	97	0.017	ug/l #	62
44) Trichloroethene	7.129	130	206	0.095	ug/l	69
46) Dibromomethane	7.586	93	93	0.060	ug/l #	1
47) Bromodichloromethane	7.824	83	297	0.093	ug/l #	63
48) Methyl methacrylate	7.696	41	145	0.056	ug/l #	59
51) 4-Methyl-2-Pentanone	8.580	43	419	0.136	ug/l #	80
52) Toluene	8.720	92	281	0.054	ug/l #	15
53) t-1,3-Dichloropropene	8.982	75	260	0.072	ug/l #	6
54) cis-1,3-Dichloropropene	8.366	75	203	0.053	ug/l #	49
55) 1,1,2-Trichloroethane	9.159	97	78	0.036	ug/l #	17

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

56) Ethyl methacrylate	9.116	69	144	0.040	ug/l #	1
57) 1,3-Dichloropropane	9.311	76	33	0.009	ug/l #	50
58) 2-Chloroethyl Vinyl ether	8.251	63	184	0.105	ug/l #	47
59) 2-Hexanone	9.445	43	352	0.154	ug/l	87
60) Dibromochloromethane	9.269	129	133	0.055	ug/l #	11
61) 1,2-Dibromoethane	9.622	107	94	0.041	ug/l #	49
64) Tetrachloroethene	9.269	164	140	0.077	ug/l	83
65) Chlorobenzene	10.079	112	447	0.083	ug/l #	80
67) Ethyl Benzene	10.195	91	775	0.079	ug/l #	73
68) m/p-Xylenes	10.311	106	445	0.122	ug/l #	44
69) o-Xylene	10.640	106	233	0.064	ug/l	99
70) Styrene	10.659	104	498	0.083	ug/l	89
73) Isopropylbenzene	10.957	105	608	0.071	ug/l	83
74) N-amyl acetate	10.848	43	432	0.109	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	11.207	83	181	0.063	ug/l #	52
77) Bromobenzene	11.195	156	140	0.072	ug/l #	10
78) n-propylbenzene	11.305	91	1254	0.127	ug/l	95
79) 2-Chlorotoluene	11.372	91	808	0.135	ug/l	82
80) 1,3,5-Trimethylbenzene	11.457	105	583	0.082	ug/l	85
83) tert-Butylbenzene	11.713	119	558	0.080	ug/l	74
84) 1,2,4-Trimethylbenzene	11.756	105	662	0.093	ug/l	98
85) sec-Butylbenzene	11.890	105	1021	0.117	ug/l	92
86) p-Isopropyltoluene	12.012	119	855	0.119	ug/l #	34
87) 1,3-Dichlorobenzene	11.969	146	594	0.165	ug/l	91
88) 1,4-Dichlorobenzene	11.969	146	594	0.167	ug/l	90
91) 1,2-Dichlorobenzene	12.341	146	501	0.144	ug/l	86

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

