

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034229.D
 Acq On : 22 Feb 2023 15:22
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 23 01:30:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	329404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	548311	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	497457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	232185	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	194775	43.905	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.800%
35) Dibromofluoromethane	5.385	113	174818	48.968	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.940%
50) Toluene-d8	8.647	98	662952	51.722	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.440%
62) 4-Bromofluorobenzene	11.079	95	234319	47.793	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.580%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.398	85	51	0.018	ug/l #	43
3) Chloromethane	1.294	50	307	0.075	ug/l	93
4) Vinyl Chloride	1.605	62	18	0.005	ug/l #	1
6) Chloroethane	1.672	64	20	0.011	ug/l #	42
8) Diethyl Ether	1.941	74	45	0.022	ug/l #	1
10) Methyl Iodide	2.465	142	53	0.012	ug/l #	38
12) 1,1-Dichloroethene	2.331	96	37	0.010	ug/l #	1
14) Allyl chloride	2.648	41	189	0.025	ug/l #	1
15) Acrylonitrile	3.081	53	102	0.047	ug/l #	18
17) Carbon Disulfide	2.520	76	744	0.073	ug/l #	76
18) Methyl Acetate	2.697	43	1018	0.144	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	27	0.007	ug/l #	57
22) Diisopropyl ether	3.593	45	31	0.002	ug/l #	53
23) Vinyl Acetate	3.709	43	48	0.005	ug/l #	72
25) 2-Butanone	4.532	43	184	0.056	ug/l #	51
27) cis-1,2-Dichloroethene	4.617	96	21	0.005	ug/l #	1
28) Bromochloromethane	4.897	49	41	0.013	ug/l #	9
29) Tetrahydrofuran	4.995	42	62	0.031	ug/l #	34
30) Chloroform	5.105	83	137	0.020	ug/l #	18
32) 1,1,1-Trichloroethane	5.538	97	45	0.007	ug/l #	1
37) Ethyl Acetate	4.727	43	216	0.037	ug/l #	68
40) Benzene	6.037	78	71	0.005	ug/l #	52
41) Methacrylonitrile	4.897	41	165	0.050	ug/l #	50
42) 1,2-Dichloroethane	6.105	62	233	0.042	ug/l #	73
43) Isopropyl Acetate	6.330	43	122	0.012	ug/l #	61
45) 1,2-Dichloropropane	7.269	63	23	0.006	ug/l #	44
48) Methyl methacrylate	7.720	41	149	0.030	ug/l #	36
51) 4-Methyl-2-Pentanone	8.580	43	136	0.024	ug/l #	36
52) Toluene	8.726	92	94	0.010	ug/l #	52
56) Ethyl methacrylate	8.958	69	46	0.007	ug/l #	1
59) 2-Hexanone	9.439	43	33	0.008	ug/l #	24
65) Chlorobenzene	10.073	112	119	0.011	ug/l #	42
67) Ethyl Benzene	10.195	91	442	0.024	ug/l #	42
68) m/p-Xylenes	10.305	106	135	0.019	ug/l #	44
70) Styrene	10.652	104	49	0.004	ug/l #	55
73) Isopropylbenzene	10.969	105	137	0.008	ug/l #	48

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

74) N-amyl acetate	10.829	43	183	0.021	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	11.226	83	253	0.042	ug/l #	65
77) Bromobenzene	11.189	156	306	0.072	ug/l #	28
78) n-propylbenzene	11.469	91	506	0.025	ug/l	87
79) 2-Chlorotoluene	11.366	91	275	0.022	ug/l #	60
80) 1,3,5-Trimethylbenzene	11.457	105	239	0.016	ug/l	82
82) 4-Chlorotoluene	11.469	91	506	0.035	ug/l #	67
84) 1,2,4-Trimethylbenzene	11.756	105	559	0.037	ug/l	93
85) sec-Butylbenzene	11.884	105	225	0.012	ug/l #	54
86) p-Isopropyltoluene	12.024	119	332	0.022	ug/l #	1
87) 1,3-Dichlorobenzene	11.975	146	103	0.013	ug/l #	57
88) 1,4-Dichlorobenzene	12.042	146	308	0.038	ug/l #	26
89) n-Butylbenzene	12.335	91	481	0.035	ug/l #	56
90) Hexachloroethane	12.695	117	366	0.114	ug/l #	4
91) 1,2-Dichlorobenzene	12.353	146	25	0.003	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	220	0.044	ug/l #	65
95) Naphthalene	13.774	128	32402	1.917	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	94	0.019	ug/l #	28

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

