

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036636.D
 Acq On : 24 Jul 2023 17:44
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 25 06:38:26 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	168975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	301087	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119235	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114952	45.976	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.960%
35) Dibromofluoromethane	5.385	113	95875	46.328	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	8.647	98	358677	48.873	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.740%
62) 4-Bromofluorobenzene	11.079	95	133485	48.209	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.420%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.288	85	21	0.009	ug/l #	41
3) Chloromethane	1.294	50	84	0.041	ug/l #	43
4) Vinyl Chloride	1.642	62	24	0.012	ug/l #	86
5) Bromomethane	1.611	94	67	0.054	ug/l #	29
6) Chloroethane	1.685	64	161	0.160	ug/l #	43
11) Tert butyl alcohol	2.989	59	31	0.052	ug/l #	1
12) 1,1-Dichloroethene	2.215	96	103	0.054	ug/l #	1
14) Allyl chloride	2.648	41	125	0.034	ug/l #	50
15) Acrylonitrile	3.142	53	29	0.024	ug/l #	17
16) Acetone	2.386	43	4800	4.626	ug/l	97
17) Carbon Disulfide	2.514	76	670	0.128	ug/l #	76
18) Methyl Acetate	2.709	43	238	0.055	ug/l #	53
23) Vinyl Acetate	3.727	43	60	0.011	ug/l #	73
26) 2,2-Dichloropropane	4.574	77	525	0.140	ug/l #	54
29) Tetrahydrofuran	5.025	42	172	0.158	ug/l #	34
30) Chloroform	5.086	83	19	0.005	ug/l #	19
32) 1,1,1-Trichloroethane	5.562	97	59	0.016	ug/l #	1
37) Ethyl Acetate	4.739	43	87	0.025	ug/l #	69
40) Benzene	6.044	78	367	0.041	ug/l #	51
41) Methacrylonitrile	4.928	41	37	0.020	ug/l #	1
42) 1,2-Dichloroethane	6.098	62	125	0.038	ug/l #	77
43) Isopropyl Acetate	6.336	43	105	0.017	ug/l #	62
48) Methyl methacrylate	7.683	41	62	0.022	ug/l #	16
52) Toluene	8.720	92	432	0.077	ug/l	78
56) Ethyl methacrylate	9.177	69	39	0.010	ug/l #	1
59) 2-Hexanone	9.415	43	74	0.030	ug/l #	26
61) 1,2-Dibromoethane	9.628	107	19	0.008	ug/l #	3
65) Chlorobenzene	10.079	112	52	0.009	ug/l #	43
67) Ethyl Benzene	10.189	91	217	0.020	ug/l #	85
68) m/p-Xylenes	10.299	106	293	0.072	ug/l	99
69) o-Xylene	10.646	106	62	0.015	ug/l #	1
70) Styrene	10.659	104	209	0.031	ug/l #	31
73) Isopropylbenzene	10.963	105	110	0.011	ug/l #	49
74) N-amyl acetate	10.860	43	224	0.049	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	11.079	83	121	0.036	ug/l #	1
78) n-propylbenzene	11.378	91	95	0.008	ug/l	97

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79) 2-Chlorotoluene	11.378	91	95	0.014	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	125	0.015	ug/l #	29
82) 4-Chlorotoluene	11.463	91	72	0.009	ug/l #	46
84) 1,2,4-Trimethylbenzene	12.012	105	204	0.025	ug/l	89
85) sec-Butylbenzene	11.884	105	85	0.008	ug/l #	57
86) p-Isopropyltoluene	12.012	119	123	0.015	ug/l #	1
87) 1,3-Dichlorobenzene	12.036	146	86	0.021	ug/l #	1
88) 1,4-Dichlorobenzene	12.036	146	86	0.021	ug/l #	1
89) n-Butylbenzene	12.341	91	238	0.032	ug/l #	84
90) Hexachloroethane	12.701	117	45	0.027	ug/l #	17

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

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