

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044231.D
 Acq On : 11 Dec 2024 16:31
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 12 04:54:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	118071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	83053	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97547	47.120	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.240%
35) Dibromofluoromethane	5.385	113	71560	47.713	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.420%
50) Toluene-d8	8.647	98	266361	52.641	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.280%
62) 4-Bromofluorobenzene	11.079	95	91612	51.815	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.620%

Target Compounds				Qvalue		
3) Chloromethane	1.300	50	184	0.105	ug/l #	68
4) Vinyl Chloride	1.374	62	177	0.097	ug/l #	58
6) Chloroethane	1.666	64	114	0.101	ug/l #	41
7) Trichlorofluoromethane	1.874	101	193	0.054	ug/l #	69
8) Diethyl Ether	2.117	74	78	0.064	ug/l #	1
10) Methyl Iodide	2.447	142	103	0.054	ug/l #	60
12) 1,1-Dichloroethene	2.300	96	199	0.150	ug/l #	28
13) Acrolein	2.221	56	80	0.189	ug/l #	37
18) Methyl Acetate	2.715	43	350	0.161	ug/l	92
19) Methyl tert-butyl Ether	2.953	73	97	0.019	ug/l #	56
20) Methylene Chloride	2.782	84	271	0.171	ug/l #	52
22) Diisopropyl ether	3.763	45	42	0.008	ug/l #	26
23) Vinyl Acetate	3.757	43	138	0.034	ug/l #	73
25) 2-Butanone	4.684	43	48	0.040	ug/l #	50
26) 2,2-Dichloropropane	4.465	77	19	0.008	ug/l #	55
27) cis-1,2-Dichloroethene	4.495	96	128	0.072	ug/l #	45
29) Tetrahydrofuran	5.013	42	25	0.032	ug/l #	32
30) Chloroform	5.080	83	24	0.008	ug/l #	18
37) Ethyl Acetate	4.745	43	104	0.043	ug/l #	71
39) Methylcyclohexane	7.373	83	24	0.010	ug/l #	1
40) Benzene	6.025	78	86	0.015	ug/l #	51
41) Methacrylonitrile	4.928	41	155	0.122	ug/l #	1
42) 1,2-Dichloroethane	6.092	62	123	0.051	ug/l #	78
43) Isopropyl Acetate	6.385	43	147	0.039	ug/l #	63
46) Dibromomethane	7.610	93	31	0.027	ug/l #	8
48) Methyl methacrylate	7.653	41	25	0.014	ug/l #	1
51) 4-Methyl-2-Pentanone	8.586	43	226	0.094	ug/l #	38
52) Toluene	8.720	92	274	0.074	ug/l #	54
54) cis-1,3-Dichloropropene	8.403	75	50	0.023	ug/l #	33
57) 1,3-Dichloropropane	9.329	76	46	0.018	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.275	63	123	0.105	ug/l #	46
59) 2-Hexanone	9.384	43	22	0.013	ug/l #	26
61) 1,2-Dibromoethane	9.628	107	21	0.014	ug/l	91
64) Tetrachloroethene	9.269	164	161	0.126	ug/l #	60
65) Chlorobenzene	10.085	112	547	0.132	ug/l #	80
67) Ethyl Benzene	10.201	91	707	0.099	ug/l	94

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

68) m/p-Xylenes	10.305	106	441	0.168	ug/l #	54
69) o-Xylene	10.646	106	117	0.044	ug/l #	20
70) Styrene	10.671	104	232	0.054	ug/l #	85
73) Isopropylbenzene	10.963	105	574	0.090	ug/l #	57
74) N-amyl acetate	10.908	43	29	0.010	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	11.232	83	50	0.023	ug/l #	25
77) Bromobenzene	11.201	156	136	0.088	ug/l	76
78) n-propylbenzene	11.469	91	814	0.116	ug/l	87
79) 2-Chlorotoluene	11.469	91	814	0.179	ug/l	86
80) 1,3,5-Trimethylbenzene	11.457	105	427	0.081	ug/l	74
82) 4-Chlorotoluene	11.469	91	814	0.162	ug/l	93
83) tert-Butylbenzene	11.719	119	448	0.086	ug/l #	82
84) 1,2,4-Trimethylbenzene	11.762	105	520	0.100	ug/l	97
85) sec-Butylbenzene	11.890	105	711	0.112	ug/l	79
86) p-Isopropyltoluene	12.006	119	541	0.103	ug/l #	31
89) n-Butylbenzene	12.341	91	579	0.131	ug/l #	69
91) 1,2-Dichlorobenzene	12.335	146	349	0.125	ug/l	86

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

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