

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011121\
 Data File : VX020552.D
 Acq On : 11 Jan 2021 14:58
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

Quant Time: Jan 12 02:51:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	189807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	302073	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	288438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	120161	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	109667	48.10	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.20%
35) Dibromofluoromethane	5.458	113	99421	47.50	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.00%
50) Toluene-d8	8.695	98	359635	48.02	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.04%
62) 4-Bromofluorobenzene	11.122	95	114914	43.45	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.90%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	476	0.25	ug/l	96
3) Chloromethane	1.313	50	590	0.34	ug/l #	80
4) Vinyl Chloride	1.392	62	523	0.26	ug/l #	67
5) Bromomethane	1.642	94	1236	0.92	ug/l	90
7) Trichlorofluoromethane	1.916	101	725	0.22	ug/l #	83
9) 1,1,2-Trichlorotrifluo...	2.361	101	576	0.31	ug/l	96
10) Methyl Iodide	2.495	142	2074	0.81	ug/l	96
12) 1,1-Dichloroethene	2.361	96	466	0.26	ug/l	96
13) Acrolein	2.276	56	487	1.54	ug/l	91
15) Acrylonitrile	3.117	53	1342	1.39	ug/l	95
17) Carbon Disulfide	2.550	76	7308	1.46	ug/l	95
18) Methyl Acetate	2.751	43	541	0.27	ug/l #	65
20) Methylene Chloride	2.831	84	873	0.41	ug/l #	75
21) trans-1,2-Dichloroethene	3.142	96	1173	0.58	ug/l	84
23) Vinyl Acetate	3.788	43	1770	0.41	ug/l #	94
27) cis-1,2-Dichloroethene	4.556	96	669	0.29	ug/l	82
36) 1,1-Dichloropropene	5.769	75	1024	0.37	ug/l #	86
39) Methylcyclohexane	7.440	83	1012	0.32	ug/l #	86
44) Trichloroethene	7.190	130	780	0.32	ug/l	81
46) Dibromomethane	7.641	93	422	0.27	ug/l	91
53) t-1,3-Dichloropropene	9.019	75	838	0.26	ug/l	90
58) 2-Chloroethyl Vinyl ether	8.293	63	552	4.93	ug/l	90
59) 2-Hexanone	9.476	43	673	0.37	ug/l	79
64) Tetrachloroethene	9.317	164	744	0.29	ug/l	97
65) Chlorobenzene	10.122	112	1355	0.22	ug/l	95
68) m/p-Xylenes	10.342	106	1115	0.29	ug/l	94
74) N-amyl acetate	10.878	43	200	1.30	ug/l #	60
77) Bromobenzene	11.238	156	615	0.28	ug/l	89
78) n-propylbenzene	11.341	91	2634	0.29	ug/l	98
79) 2-Chlorotoluene	11.402	91	1410	0.26	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	1543	0.23	ug/l	99
82) 4-Chlorotoluene	11.494	91	2280	0.35	ug/l	93
83) tert-Butylbenzene	11.756	119	1352	0.21	ug/l	87
84) 1,2,4-Trimethylbenzene	11.793	105	1723	0.25	ug/l	91
85) sec-Butylbenzene	11.927	105	2330	0.31	ug/l	96
86) p-Isopropyltoluene	12.049	119	2203	0.31	ug/l #	84

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1/12/2021 10:54:27 AM

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Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Manual Integrations
APPROVED

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	12.006	146	1946	0.49	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	2466m	0.61	ug/l	
89) n-Butylbenzene	12.372	91	3162	0.52	ug/l	98
91) 1,2-Dichlorobenzene	12.372	146	1526	0.39	ug/l	97
93) 1,2,4-Trichlorobenzene	13.628	180	3142	1.20	ug/l	99
94) Hexachlorobutadiene	13.768	225	2224	2.51	ug/l	99
95) Naphthalene	13.817	128	6297	4.50	ug/l	96
96) 1,2,3-Trichlorobenzene	13.999	180	2749	1.04	ug/l	94

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

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