

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031221\
 Data File : VX021178.D
 Acq On : 12 Mar 2021 12:32
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 13 01:04:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X031221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 12 12:55:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.982	128	14792	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.829	114	81582	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.094	117	74168	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.035	65	40715	29.90	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.67%
60) 4-Bromofluorobenzene	11.118	95	38739	28.57	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.23%
63) Toluene-d8	8.694	98	102481	30.46	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.53%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	310	0.32	ug/l	94
3) Chloromethane	1.316	50	418	0.41	ug/l	90
4) Vinyl Chloride	1.393	62	337	0.33	ug/l	98
5) Bromomethane	1.640	94	481	0.80	ug/l #	79
7) Trichlorofluoromethane	1.917	101	416	0.26	ug/l #	81
9) 1,1,2-Trichlorotrifluo...	2.370	101	369	0.44	ug/l	76
10) 1,1-Dichloroethene	2.364	96	335	0.41	ug/l #	75
11) Methyl Iodide	2.499	142	944	0.87	ug/l	84
14) Acrylonitrile	3.117	53	851	1.64	ug/l #	75
16) Carbon Disulfide	2.552	76	4295	1.78	ug/l	100
18) Methylene Chloride	2.840	84	598	0.60	ug/l #	85
19) trans-1,2-Dichloroethene	3.152	96	668	0.73	ug/l	99
38) Methylcyclohexane	7.441	83	730	0.47	ug/l	86
40) Dibromomethane	7.635	93	326	0.44	ug/l	46
42) Vinyl Acetate	3.782	43	1674	0.58	ug/l #	78
48) t-1,3-Dichloropropene	9.017	75	461	0.29	ug/l	100
54) 1,2-Dibromoethane	9.659	107	223	0.21	ug/l #	65
55) 2-Chloroethyl vinyl ether	8.294	63	2311	2.77	ug/l #	92
61) Tetrachloroethene	9.318	164	404	0.42	ug/l #	87
64) Chlorobenzene	10.124	112	687	0.27	ug/l #	88
66) Ethyl Benzene	10.235	91	1091	0.23	ug/l	90
67) m/p-Xylenes	10.341	106	830	0.49	ug/l	96
69) Styrene	10.694	104	592	0.21	ug/l #	85
70) Isopropylbenzene	11.000	105	1179	0.26	ug/l	99
73) Bromobenzene	11.235	156	356	0.33	ug/l	97
74) n-propylbenzene	11.341	91	1858	0.35	ug/l	96
75) 2-Chlorotoluene	11.406	91	858	0.27	ug/l	94
76) 1,3,5-Trimethylbenzene	11.488	105	1070	0.28	ug/l	94
78) 4-Chlorotoluene	11.494	91	1536	0.41	ug/l	99
79) tert-butylbenzene	11.753	119	987	0.28	ug/l	82
80) 1,2,4-Trimethylbenzene	11.788	105	1057	0.27	ug/l	95
81) sec-Butylbenzene	11.930	105	1648	0.39	ug/l	97
82) p-Isopropyltoluene	12.047	119	1425	0.37	ug/l	91
83) 1,3-Dichlorobenzene	12.012	146	1004	0.53	ug/l	98
84) 1,4-Dichlorobenzene	12.083	146	1120	0.58	ug/l	95
85) n-Butylbenzene	12.371	91	1956	0.54	ug/l	99
87) 1,2-Dichlorobenzene	12.377	146	807	0.43	ug/l	94
89) 1,2,4-Trichlorobenzene	13.630	180	1039	0.88	ug/l	87
90) Hexachlorobutadiene	13.765	225	1208	2.35	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Naphthalene	13.818	128	2802	0.74	ug/l	97
92) 1,2,3-Trichlorobenzene	14.006	180	1110	0.97	ug/l	96

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

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