

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033773.D
 Acq On : 18 Jan 2023 14:33
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 19 03:23:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 18 14:40:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	15015	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	102464	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	107380	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	36988	31.832	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 106.100%	
60) 4-Bromofluorobenzene	11.079	95	56914	29.648	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.833%	
63) Toluene-d8	8.647	98	106167	30.989	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 103.300%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	400	0.291	ug/l	85
3) Chloromethane	1.294	50	402	0.260	ug/l	98
4) Vinyl Chloride	1.374	62	316	0.208	ug/l #	66
5) Bromomethane	1.624	94	320	0.327	ug/l #	64
6) Chloroethane	1.691	64	234	0.288	ug/l #	66
7) Trichlorofluoromethane	1.892	101	571	0.254	ug/l #	75
9) 1,1,2-Trichlorotrifluo...	2.337	101	525	0.386	ug/l	88
10) 1,1-Dichloroethene	2.325	96	450	0.337	ug/l	85
11) Methyl Iodide	2.453	142	597	0.297	ug/l	93
13) Acrolein	2.239	56	464	1.781	ug/l	93
14) Acrylonitrile	3.087	53	1077	1.420	ug/l #	21
15) Acetone	2.398	58	190	0.833	ug/l #	18
16) Carbon Disulfide	2.514	76	5227	1.598	ug/l #	95
17) Allyl chloride	2.672	41	526	0.218	ug/l	88
18) Methylene Chloride	2.794	84	585	0.389	ug/l #	76
19) trans-1,2-Dichloroethene	3.099	96	924	0.643	ug/l	87
37) Trichloroethene	7.135	130	651	0.395	ug/l #	79
38) Methylcyclohexane	7.385	83	747	0.315	ug/l	88
40) Dibromomethane	7.586	93	282	0.277	ug/l	88
42) Vinyl Acetate	3.739	43	1408	0.385	ug/l #	93
55) 2-Chloroethyl vinyl ether	8.250	63	1588	1.514	ug/l	95
58) 4-Methyl-2-Pentanone	8.574	43	407	0.211	ug/l #	75
59) 2-Hexanone	9.451	43	428	0.295	ug/l #	80
61) Tetrachloroethene	9.275	164	569	0.402	ug/l #	84
64) Chlorobenzene	10.079	112	1057	0.264	ug/l #	87
67) m/p-Xylenes	10.305	106	1161	0.428	ug/l	89
69) Styrene	10.659	104	1071	0.242	ug/l #	90
70) Isopropylbenzene	10.963	105	1413	0.204	ug/l	94
73) Bromobenzene	11.201	156	558	0.297	ug/l	92
74) n-propylbenzene	11.305	91	2412	0.306	ug/l	97
75) 2-Chlorotoluene	11.360	91	1399	0.299	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	1492	0.259	ug/l	95
78) 4-Chlorotoluene	11.457	91	2028	0.385	ug/l	94
80) 1,2,4-Trimethylbenzene	11.750	105	1483	0.260	ug/l	95
81) sec-Butylbenzene	11.890	105	2255	0.315	ug/l	94
82) p-Isopropyltoluene	12.006	119	1981	0.319	ug/l	96
83) 1,3-Dichlorobenzene	11.969	146	1680	0.495	ug/l	94
84) 1,4-Dichlorobenzene	12.042	146	1966	0.578	ug/l	94
85) n-Butylbenzene	12.335	91	2361	0.468	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Hexachloroethane	12.542	117	227	0.231	ug/l	63
87) 1,2-Dichlorobenzene	12.335	146	1179	0.361	ug/l	98
89) 1,2,4-Trichlorobenzene	13.591	180	2311	1.016	ug/l	97
90) Hexachlorobutadiene	13.725	225	2480	2.324	ug/l	97
91) Naphthalene	13.774	128	5235	0.785	ug/l	98
92) 1,2,3-Trichlorobenzene	13.963	180	2379	1.066	ug/l	96

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

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