

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022521\
 Data File : VX020908.D
 Acq On : 25 Feb 2021 11:30
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 25 12:06:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022521W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 25 11:34:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.982	128	35407	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.829	114	201785	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.094	117	175523	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.029	65	75690	30.31	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.03%
60) 4-Bromofluorobenzene	11.118	95	83499	28.62	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.40%
63) Toluene-d8	8.694	98	236134	29.57	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.57%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	692	0.36	ug/l	84
3) Chloromethane	1.317	50	806	0.39	ug/l	92
4) Vinyl Chloride	1.393	62	737	0.30	ug/l #	86
5) Bromomethane	1.634	94	1377	1.31	ug/l	100
6) Chloroethane	1.711	64	315	0.20	ug/l #	66
7) Trichlorofluoromethane	1.917	101	776	0.25	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.364	101	761	0.39	ug/l	95
10) 1,1-Dichloroethene	2.358	96	777	0.38	ug/l	95
11) Methyl Iodide	2.493	142	2131	0.83	ug/l	98
12) Methyl Acetate	2.746	43	553	0.25	ug/l	91
13) Acrolein	2.340	56	69	0.22	ug/l	88
14) Acrylonitrile	3.117	53	1658	1.48	ug/l	96
15) Acetone	2.417	58	310	0.92	ug/l	87
16) Carbon Disulfide	2.552	76	9390	1.65	ug/l	95
17) Allyl chloride	2.705	41	768	0.24	ug/l	91
18) Methylene Chloride	2.840	84	1153	0.50	ug/l #	85
19) trans-1,2-Dichloroethene	3.140	96	1564	0.69	ug/l	91
22) cis-1,2-Dichloroethene	4.564	96	726	0.28	ug/l #	59
23) tert-Butyl Alcohol	2.987	59	373	0.73	ug/l #	1
26) Cyclohexane	5.558	56	972	0.28	ug/l #	85
29) 1,1-Dichloropropene	5.764	75	1364	0.45	ug/l	83
36) 1,2-Dichloroethane	6.164	62	744	0.24	ug/l #	92
37) Trichloroethene	7.188	130	1194	0.48	ug/l #	73
38) Methylcyclohexane	7.441	83	1876	0.48	ug/l	98
40) Dibromomethane	7.647	93	629	0.40	ug/l	91
42) Vinyl Acetate	3.787	43	2585	0.46	ug/l #	94
45) 1,4-Dioxane	7.723	88	142	2.50	ug/l #	79
48) t-1,3-Dichloropropene	9.023	75	1273	0.35	ug/l	95
49) cis-1,3-Dichloropropene	8.412	75	939	0.24	ug/l #	89
54) 1,2-Dibromoethane	9.653	107	611	0.25	ug/l	95
55) 2-Chloroethyl vinyl ether	8.288	63	3124	1.80	ug/l	98
58) 4-Methyl-2-Pentanone	8.617	43	1024	0.37	ug/l	92
59) 2-Hexanone	9.471	43	912	0.43	ug/l #	89
61) Tetrachloroethene	9.318	164	971	0.46	ug/l #	68
62) Toluene	8.765	91	2322	0.24	ug/l	93
64) Chlorobenzene	10.118	112	1693	0.28	ug/l	92
66) Ethyl Benzene	10.235	91	2713	0.25	ug/l #	85
67) m/p-Xylenes	10.341	106	2279	0.57	ug/l	98
68) o-Xylene	10.682	106	849	0.22	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Styrene	10.694	104	1792	0.27	ug/l	98
70) Isopropylbenzene	11.000	105	2556	0.25	ug/l	94
72) 1,2,3-Trichloropropane	11.294	75	824	0.28	ug/l	69
73) Bromobenzene	11.241	156	785	0.32	ug/l	88
74) n-propylbenzene	11.341	91	4315	0.36	ug/l	100
75) 2-Chlorotoluene	11.400	91	2243	0.32	ug/l	97
76) 1,3,5-Trimethylbenzene	11.488	105	2631	0.31	ug/l	99
77) t-1,4-Dichloro-2-butene	11.059	75	331	0.27	ug/l #	77
78) 4-Chlorotoluene	11.494	91	3614	0.44	ug/l	98
79) tert-butylbenzene	11.753	119	2122	0.26	ug/l	92
80) 1,2,4-Trimethylbenzene	11.788	105	2554	0.29	ug/l	96
81) sec-Butylbenzene	11.930	105	3741	0.38	ug/l	99
82) p-Isopropyltoluene	12.047	119	3700	0.41	ug/l	96
83) 1,3-Dichlorobenzene	12.006	146	2291	0.51	ug/l	99
84) 1,4-Dichlorobenzene	12.083	146	2596	0.59	ug/l	97
85) n-Butylbenzene	12.371	91	4511	0.56	ug/l	97
86) Hexachloroethane	12.577	117	424	0.25	ug/l	60
87) 1,2-Dichlorobenzene	12.377	146	1533	0.37	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	12.977	75	156	0.21	ug/l #	70
89) 1,2,4-Trichlorobenzene	13.630	180	2558	0.92	ug/l	91
90) Hexachlorobutadiene	13.759	225	1411	1.24	ug/l	95
91) Naphthalene	13.818	128	7061	0.73	ug/l	96
92) 1,2,3-Trichlorobenzene	14.001	180	2307	0.84	ug/l	98

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

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