

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
 Data File : VX031811.D
 Acq On : 30 Sep 2022 13:44
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 03 01:02:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 03 00:56:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	23785	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	128725	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	112666	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	52609	29.387	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.967%
60) 4-Bromofluorobenzene	11.079	95	59070	28.328	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.433%
63) Toluene-d8	8.653	98	172610	30.157	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.533%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	435	0.439	ug/l	90
3) Chloromethane	1.288	50	434	0.418	ug/l	97
5) Bromomethane	1.624	94	1242	0.974	ug/l #	57
7) Trichlorofluoromethane	1.886	101	876	0.294	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	564	0.399	ug/l	78
10) 1,1-Dichloroethene	2.319	96	454	0.348	ug/l	85
11) Methyl Iodide	2.459	142	939	0.657	ug/l	95
14) Acrylonitrile	3.075	53	592	0.935	ug/l	85
16) Carbon Disulfide	2.508	76	4779	1.668	ug/l	96
18) Methylene Chloride	2.788	84	1036	0.693	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	1098	0.726	ug/l	99
22) cis-1,2-Dichloroethene	4.507	96	452	0.247	ug/l #	33
37) Trichloroethene	7.135	130	790	0.410	ug/l #	70
38) Methylcyclohexane	7.379	83	904	0.370	ug/l #	81
40) Dibromomethane	7.586	93	411	0.348	ug/l #	37
55) 2-Chloroethyl vinyl ether	8.250	63	620	0.570	ug/l	98
61) Tetrachloroethene	9.281	164	705	0.390	ug/l #	85
62) Toluene	8.726	91	1352	0.210	ug/l	97
64) Chlorobenzene	10.079	112	1333	0.303	ug/l	95
66) Ethyl Benzene	10.195	91	1830	0.252	ug/l	92
67) m/p-Xylenes	10.305	106	1822	0.602	ug/l	96
69) Styrene	10.659	104	1181	0.245	ug/l	94
70) Isopropylbenzene	10.963	105	1978	0.256	ug/l	92
73) Bromobenzene	11.201	156	621	0.300	ug/l	92
74) n-propylbenzene	11.305	91	2834	0.334	ug/l	98
75) 2-Chlorotoluene	11.366	91	1545	0.303	ug/l	100
76) 1,3,5-Trimethylbenzene	11.457	105	1727	0.265	ug/l	93
78) 4-Chlorotoluene	11.457	91	2463	0.423	ug/l	95
79) tert-butylbenzene	11.719	119	1568	0.240	ug/l	86
80) 1,2,4-Trimethylbenzene	11.756	105	1752	0.271	ug/l	96
81) sec-Butylbenzene	11.890	105	2606	0.325	ug/l	100
82) p-Isopropyltoluene	12.012	119	2316	0.329	ug/l	97
83) 1,3-Dichlorobenzene	11.969	146	1914	0.488	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	2267	0.564	ug/l	98
85) n-Butylbenzene	12.335	91	2676	0.493	ug/l	90
87) 1,2-Dichlorobenzene	12.341	146	1509	0.386	ug/l	91
89) 1,2,4-Trichlorobenzene	13.591	180	1943	0.768	ug/l	89
90) Hexachlorobutadiene	13.725	225	2689	2.645	ug/l	97
91) Naphthalene	13.780	128	4666	0.576	ug/l #	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2,3-Trichlorobenzene	13.963	180	2006	0.800	ug/l	92

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

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