

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112423\
 Data File : VX039018.D
 Acq On : 24 Nov 2023 11:16
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 27 03:26:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	10688	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	85835	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	102400	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	44981	30.763	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.533%	
60) 4-Bromofluorobenzene	11.079	95	64402	28.795	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 95.967%	
63) Toluene-d8	8.647	98	122497	30.257	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.867%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	560	0.350	ug/l #	56
3) Chloromethane	1.295	50	496	0.271	ug/l	96
5) Bromomethane	1.624	94	376	0.332	ug/l	87
7) Trichlorofluoromethane	1.892	101	1061	0.416	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	573	0.397	ug/l	84
10) 1,1-Dichloroethene	2.325	96	617	0.424	ug/l	84
11) Methyl Iodide	2.459	142	435	0.273	ug/l #	78
12) Methyl Acetate	2.709	43	924	0.204	ug/l #	76
13) Acrolein	2.233	56	716	1.803	ug/l #	72
14) Acrylonitrile	3.075	53	1964	1.771	ug/l	97
15) Acetone	2.380	58	239	0.593	ug/l #	48
16) Carbon Disulfide	2.514	76	7887	1.791	ug/l	100
18) Methylene Chloride	2.788	84	1110	0.644	ug/l #	80
19) trans-1,2-Dichloroethene	3.087	96	1097	0.667	ug/l #	62
38) Methylcyclohexane	7.379	83	1122	0.374	ug/l	89
48) t-1,3-Dichloropropene	8.988	75	748	0.257	ug/l #	79
49) cis-1,3-Dichloropropene	8.373	75	639	0.213	ug/l	95
54) 1,2-Dibromoethane	9.616	107	430	0.221	ug/l	94
61) Tetrachloroethene	9.269	164	672	0.505	ug/l #	91
62) Toluene	8.720	91	1776	0.244	ug/l	99
64) Chlorobenzene	10.073	112	1389	0.314	ug/l #	86
66) Ethyl Benzene	10.195	91	2290	0.277	ug/l	90
67) m/p-Xylenes	10.305	106	1849	0.604	ug/l	86
68) o-Xylene	10.647	106	715	0.241	ug/l	97
69) Styrene	10.659	104	1209	0.276	ug/l	99
70) Isopropylbenzene	10.964	105	2226	0.281	ug/l	98
73) Bromobenzene	11.201	156	628	0.348	ug/l	91
74) n-propylbenzene	11.305	91	3812	0.392	ug/l	99
75) 2-Chlorotoluene	11.366	91	1971	0.346	ug/l	94
76) 1,3,5-Trimethylbenzene	11.451	105	2405	0.352	ug/l	96
78) 4-Chlorotoluene	11.457	91	3241	0.484	ug/l	95
79) tert-butylbenzene	11.713	119	1659	0.255	ug/l	87
80) 1,2,4-Trimethylbenzene	11.750	105	2635	0.385	ug/l	99
81) sec-Butylbenzene	11.890	105	3113	0.379	ug/l	94
82) p-Isopropyltoluene	12.012	119	3017	0.434	ug/l	95
83) 1,3-Dichlorobenzene	11.969	146	1940	0.562	ug/l	94
84) 1,4-Dichlorobenzene	12.043	146	2292	0.647	ug/l	98
85) n-Butylbenzene	12.335	91	4240	0.617	ug/l	92
86) Hexachloroethane	12.536	117	301	0.228	ug/l #	57

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87) 1,2-Dichlorobenzene	12.341	146	1610	0.485	ug/l	89
88) 1,2-Dibromo-3-Chloropr...	12.945	75	201	0.266	ug/l	86
89) 1,2,4-Trichlorobenzene	13.585	180	2719	1.235	ug/l	95
90) Hexachlorobutadiene	13.725	225	1680	2.136	ug/l	91
91) Naphthalene	13.774	128	9291	1.144	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	2418	1.134	ug/l	94

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

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