

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041024\
 Data File : VX040956.D
 Acq On : 10 Apr 2024 15:43
 Operator : JC/MD
 Sample : VIBLK653
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK653

Quant Time: Apr 11 05:40:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:36:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	1449	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.061	117	1777	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.030	152	1137	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0	0.000	ug/L	
Spiked Amount	50.000	Range	60 - 135	Recovery	=	0.000%#
7) Chloroethane-d5	1.630	69	48	5.711	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	11.420%#
11) 1,1-Dichloroethene-d2	0.000	65	0	0.000	ug/L	
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.000%#
21) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.000%#
24) Chloroform-d	0.000	84	0	0.000	ug/L	
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.000%#
26) 1,2-Dichloroethane-d4	5.964	65	838	66.993	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	133.980%#
32) Benzene-d6	0.000	84	0	0.000	ug/L	
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.000%#
36) 1,2-Dichloropropane-d6	0.000	67	0	0.000	ug/L	
Spiked Amount	50.000	Range	70 - 120	Recovery	=	0.000%#
41) Toluene-d8	8.653	98	1811	38.425	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.840%#
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.000%#
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount	100.000	Range	45 - 130	Recovery	=	0.000%#
56) 1,1,2,2-Tetrachloroeth...	0.000	84	0	0.000	ug/L	
Spiked Amount	50.000	Range	65 - 120	Recovery	=	0.000%#
66) 1,2-Dichlorobenzene-d4	12.030	152	1137	49.851	ug/L	-0.29
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.700%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	95	10.489	ug/L #	41
5) Vinyl chloride	1.380	62	83	7.626	ug/L #	1
6) Bromomethane	1.618	94	62	9.422	ug/L #	3
8) Chloroethane	1.691	64	96	14.175	ug/L #	43
12) 1,1-Dichloroethene	2.325	96	48	5.515	ug/L #	42
13) Acetone	2.380	43	563	92.524	ug/L	91
14) Carbon disulfide	2.514	76	1500	68.576	ug/L #	90
15) Methyl Acetate	2.709	43	128	12.117	ug/L #	51
16) Methylene chloride	2.794	84	357	39.351	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	191	21.199	ug/L	79
22) 2-Butanone	4.581	43	19	2.385	ug/L #	49
31) Carbon tetrachloride	5.568	117	48	2.645	ug/L #	2
34) Trichloroethene	7.129	95	140	10.585	ug/L #	48
40) 4-Methyl-2-pentanone	8.586	43	292	16.156	ug/L #	44
42) Toluene	8.726	91	125	2.448	ug/L #	22
48) 2-Hexanone	9.452	43	179	12.329	ug/L #	38
51) Chlorobenzene	10.086	112	175	4.891	ug/L #	73
52) Ethylbenzene	10.311	91	391	6.749	ug/L	87
53) m,p-Xylene	10.311	106	161	6.970	ug/L	69

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) Styrene	10.677	104	49	1.279	ug/L #	32
60) Isopropylbenzene	10.970	105	125	1.881	ug/L #	15
61) 1,2,3-Trichloropropane	11.116	75	23	1.325	ug/L #	1
62) 1,3,5-Trimethylbenzene	11.457	105	130	2.426	ug/L #	27
63) 1,2,4-Trimethylbenzene	11.756	105	199	3.689	ug/L #	69
64) 1,3-Dichlorobenzene	11.982	146	317	9.089	ug/L	88
65) 1,4-Dichlorobenzene	12.043	146	402	11.227	ug/L	84
67) 1,2-Dichlorobenzene	12.335	146	292	8.630	ug/L #	48
69) 1,3,5-Trichlorobenzene	13.963	180	1000	37.438	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	847	33.462	ug/L	95
71) Naphthalene	13.780	128	2584	37.252	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.963	180	1000	40.282	ug/L #	96

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

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