

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030724\
 Data File : VX040605.D
 Acq On : 06 Mar 2024 15:08
 Operator : JC/MD
 Sample : VIBLK652
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK652

Quant Time: Mar 07 01:38:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 01:31:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	148852	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	142322	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	70141	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	70138	53.753	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 107.500%	
7) Chloroethane-d5	1.666	69	54956	52.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 105.520%	
11) 1,1-Dichloroethene-d2	2.307	65	27179	45.249	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 90.500%	
21) 2-Butanone-d5	4.453	46	108552	108.413	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 108.410%	
24) Chloroform-d	5.062	84	126311	52.127	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 104.260%	
26) 1,2-Dichloroethane-d4	5.958	65	95025	52.526	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.060%	
32) Benzene-d6	5.977	84	233071	53.378	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.760%	
36) 1,2-Dichloropropane-d6	7.306	67	72137	53.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 106.620%	
41) Toluene-d8	8.647	98	219043	52.055	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.100%	
43) trans-1,3-Dichloroprop...	8.952	79	36741	51.012	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 102.020%	
47) 2-Hexanone-d5	9.385	63	80436	107.723	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 107.720%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	105047	51.846	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 103.700%	
66) 1,2-Dichlorobenzene-d4	12.323	152	80286	54.651	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 109.300%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	1448	1.090	ug/L	97
5) Vinyl chloride	1.368	62	1268	1.015	ug/L #	1
9) Trichlorofluoromethane	1.886	101	1535	0.883	ug/L	95
12) 1,1-Dichloroethene	2.313	96	1396	1.539	ug/L #	1
14) Carbon disulfide	2.508	76	6794	2.588	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	1309	1.405	ug/L	70
25) Chloroform	5.099	83	3182	1.558	ug/L	93
35) Methylcyclohexane	7.379	83	1798	1.090	ug/L #	66
46) Tetrachloroethene	9.275	164	900	1.111	ug/L	83
51) Chlorobenzene	10.080	112	2200	0.810	ug/L #	91
52) Ethylbenzene	10.195	91	3863	0.784	ug/L	97
53) m,p-Xylene	10.305	106	1371	0.765	ug/L	83
54) o-Xylene	10.647	106	1164	0.677	ug/L	98
55) Styrene	10.659	104	2010	0.671	ug/L	97
60) Isopropylbenzene	10.964	105	3851	0.818	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	3565	0.913	ug/L	93
64) 1,3-Dichlorobenzene	11.969	146	2581	1.252	ug/L	90
65) 1,4-Dichlorobenzene	12.043	146	3429	1.636	ug/L	89
67) 1,2-Dichlorobenzene	12.335	146	2183	1.114	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,4-trichlorobenzene	13.591	180	3184	2.481	ug/L	96
72) 1,2,3-Trichlorobenzene	13.963	180	3251	2.572	ug/L	96

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

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