

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071223\
 Data File : VX036509.D
 Acq On : 12 Jul 2023 11:41
 Operator : JC/MD
 Sample : VIBLK636
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK630

Quant Time: Jul 13 01:18:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 13 01:12:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	321734	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	288971	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	138475	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	118750	51.744	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 103.480%	
7) Chloroethane-d5	1.666	69	113806	45.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 90.260%	
11) 1,1-Dichloroethene-d2	2.307	65	50973	52.055	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 104.120%	
21) 2-Butanone-d5	4.453	46	157480	98.254	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 98.250%	
24) Chloroform-d	5.056	84	195796	46.981	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 93.960%	
26) 1,2-Dichloroethane-d4	5.958	65	134478	47.244	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 94.480%	
32) Benzene-d6	5.977	84	413516	50.546	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.100%	
36) 1,2-Dichloropropane-d6	7.312	67	131683	50.779	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 101.560%	
41) Toluene-d8	8.647	98	386489	49.488	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 98.980%	
43) trans-1,3-Dichloroprop...	8.952	79	60064	48.648	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 97.300%	
47) 2-Hexanone-d5	9.385	63	115761	101.491	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 101.490%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	167418	49.070	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 98.140%	
66) 1,2-Dichlorobenzene-d4	12.317	152	133753	50.846	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 101.700%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	1714	0.764	ug/L	91
5) Vinyl chloride	1.374	62	1857	0.675	ug/L #	1
9) Trichlorofluoromethane	1.886	101	3013	0.692	ug/L	95
14) Carbon disulfide	2.514	76	11815	2.184	ug/L	95
17) trans-1,2-Dichloroethene	3.099	96	1990	0.980	ug/L	94
46) Tetrachloroethene	9.281	164	1635	1.000	ug/L	92
51) Chlorobenzene	10.080	112	3767	0.645	ug/L	91
52) Ethylbenzene	10.195	91	6074	0.615	ug/L #	79
53) m,p-Xylene	10.305	106	2547	0.676	ug/L	89
55) Styrene	10.659	104	3581	0.575	ug/L	98
60) Isopropylbenzene	10.964	105	7009	0.753	ug/L	95
62) 1,3,5-Trimethylbenzene	11.451	105	5748	0.739	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	6474	0.830	ug/L	92
64) 1,3-Dichlorobenzene	11.969	146	4667	1.121	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	5856	1.393	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	4177	1.011	ug/L	96
70) 1,2,4-trichlorobenzene	13.585	180	5874	2.253	ug/L	97
72) 1,2,3-Trichlorobenzene	13.963	180	5933	2.336	ug/L	95

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

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