

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036045.D
 Acq On : 06 Jun 2023 20:05
 Operator : JC/MD
 Sample : 02992-01 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C08

Quant Time: Jun 07 05:58:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:37:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	313620	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	284830	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	129791	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	93716	43.982	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.960%		
7) Chloroethane-d5	1.673	69	75752	46.355	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.720%		
11) 1,1-Dichloroethene-d2	2.307	65	46784	43.305	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.600%		
21) 2-Butanone-d5	4.471	46	166426	95.290	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.290%		
24) Chloroform-d	5.056	84	195291	43.953	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.900%		
26) 1,2-Dichloroethane-d4	5.958	65	146266	45.113	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.220%		
32) Benzene-d6	5.971	84	413981	48.315	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.640%		
36) 1,2-Dichloropropane-d6	7.306	67	130180	48.880	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.760%		
41) Toluene-d8	8.647	98	367845	46.644	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.280%		
43) trans-1,3-Dichloroprop...	8.952	79	52044	40.710	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.420%		
47) 2-Hexanone-d5	9.385	63	114431	96.492	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.490%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	167539	46.056	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.120%		
66) 1,2-Dichlorobenzene-d4	12.317	152	122541	48.629	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.260%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	2422	0.929	ug/L	# 31
20) cis-1,2-Dichloroethene	4.489	96	98419	38.417	ug/L	98
29) Cyclohexane	5.471	56	158978	40.185	ug/L	99
33) Benzene	6.038	78	343002	36.146	ug/L	100
34) Trichloroethene	7.123	95	150333	58.821	ug/L	91
35) Methylcyclohexane	7.379	83	69331	18.479	ug/L	100
46) Tetrachloroethene	9.275	164	23627	13.220	ug/L	97
52) Ethylbenzene	10.195	91	84103	7.399	ug/L	99
53) m,p-Xylene	10.299	106	96393	22.361	ug/L	99
54) o-Xylene	10.640	106	16032	3.805	ug/L	100
60) Isopropylbenzene	10.964	105	12357	1.244	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	18975	2.296	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	44444	5.812	ug/L	100

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

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