

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037620.D
 Acq On : 27 Sep 2024 20:39
 Operator : SY/MD
 Sample : P4184-20DL 5X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY046DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024

Quant Time: Sep 28 04:19:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 28 00:49:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	607298	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	577361	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	276570	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	206185	38.676	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.360%		
7) Chloroethane-d5	1.516	69	175370	42.380	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.760%		
11) 1,1-Dichloroethene-d2	2.053	65	92899	41.710	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.420%		
21) 2-Butanone-d5	3.793	46	170448	89.764	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.760%		
24) Chloroform-d	4.240	84	408126	43.030	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.060%		
26) 1,2-Dichloroethane-d4	4.934	65	248973	44.847	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.700%		
32) Benzene-d6	4.950	84	807295	44.684	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.360%		
36) 1,2-Dichloropropane-d6	5.982	67	259273	45.067	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.140%		
41) Toluene-d8	7.236	98	700262	42.745	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.480%		
43) trans-1,3-Dichloroprop...	7.548	79	112639	42.148	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.300%		
47) 2-Hexanone-d5	8.024	63	104369	85.915	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.910%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	297905	44.566	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.140%		
66) 1,2-Dichlorobenzene-d4	11.555	152	276212	47.395	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.780%		
Target Compounds						
12) 1,1-Dichloroethene	2.063	96	61693m	15.259	ug/L	
19) 1,1-Dichloroethane	3.102	63	170775	20.839	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	44977	9.397	ug/L	96
30) 1,1,1-Trichloroethane	4.503	97	411765	57.906	ug/L	99
34) Trichloroethene	5.831	95	35001	7.548	ug/L	97
46) Tetrachloroethene	7.899	164	47911	13.513	ug/L	98

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

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