

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
 Data File : VV036709.D
 Acq On : 25 Jul 2024 15:49
 Operator : SY/MD
 Sample : P3328-02
 Misc : 8.89g/10mL/MSVOA_V/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 26 05:02:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 00:49:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	488556	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	431544	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	148022	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	59714	11.160	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.640%
7) Chloroethane-d5	1.526	69	67928	14.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.240%
11) 1,1-Dichloroethene-d2	2.050	65	27907	9.864	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	39.440%#
21) 2-Butanone-d5	3.834	46	53161	42.570	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.140%
24) Chloroform-d	4.243	84	230264	17.821	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.280%
26) 1,2-Dichloroethane-d4	4.937	65	124178	19.481	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.920%
32) Benzene-d6	4.953	84	324148	15.849	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	63.400%
36) 1,2-Dichloropropane-d6	5.985	67	118864	20.396	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.600%
41) Toluene-d8	7.243	98	244431	12.523	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	50.080%
43) trans-1,3-Dichloroprop...	7.555	79	43491	16.787	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.160%
47) 2-Hexanone-d5	8.030	63	38192	49.244	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.480%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	138164	27.201	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	133820	25.898	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.275	62	33918	4.303	ug/L	96
14) Carbon disulfide	2.230	76	11362	0.543	ug/L	95
48) 2-Hexanone	8.030	43	4690	2.271	ug/L #	66
61) 1,2,3-Trichloropropane	11.185	75	13343	5.113	ug/L #	60
71) Naphthalene	13.445	128	10746	1.113	ug/L	96

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

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