

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
 Data File : VV036699.D
 Acq On : 25 Jul 2024 11:59
 Operator : SY/MD
 Sample : P3276-17
 Misc : 9.54g/10mL/MSVOA_V/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 26 05:00:58 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	315935	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	235907	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	56153	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	51264	14.815	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.280%
7) Chloroethane-d5	1.526	69	59949	19.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.720%
11) 1,1-Dichloroethene-d2	2.047	65	26293	14.371	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.480%
21) 2-Butanone-d5	3.834	46	52778	65.356	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.720%
24) Chloroform-d	4.239	84	190989	22.857	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.440%
26) 1,2-Dichloroethane-d4	4.937	65	103235	25.044	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.160%
32) Benzene-d6	4.953	84	253862	22.705	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.840%
36) 1,2-Dichloropropane-d6	5.982	67	96175	30.189	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.760%#
41) Toluene-d8	7.239	98	173256	16.238	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.960%
43) trans-1,3-Dichloroprop...	7.558	79	27971	19.751	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.000%
47) 2-Hexanone-d5	8.030	63	32194	75.935	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.860%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	117889	42.458	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	169.840%#
66) 1,2-Dichlorobenzene-d4	11.557	152	62402	31.834	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	127.320%#
Target Compounds						Qvalue
13) Acetone	2.159	43	3782	2.883	ug/L	100
14) Carbon disulfide	2.230	76	8775	0.649	ug/L #	94
25) Chloroform	4.268	83	4781	0.513	ug/L	87
34) Trichloroethene	5.831	95	57838	13.192	ug/L	95
48) 2-Hexanone	8.033	43	3669	3.250	ug/L #	85
49) Dibromochloromethane	7.908	129	1331	0.351	ug/L #	11
70) 1,2,4-trichlorobenzene	13.213	180	1206	0.490	ug/L #	15
71) Naphthalene	13.454	128	3003	0.820	ug/L #	89

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

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