

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072624\
 Data File : VW036702.D
 Acq On : 25 Jul 2024 13:08
 Operator : SY/MD
 Sample : P3276-22
 Misc : 9.33g/10mL/MSVOA_V/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 26 05:01:25 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	5.532	114	269051	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	194401	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	46040	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	44315	15.039	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.160%
7) Chloroethane-d5	1.529	69	48680	18.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.160%
11) 1,1-Dichloroethene-d2	2.050	65	22086	14.175	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.680%
21) 2-Butanone-d5	3.825	46	16231	23.602	ug/L	-0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.200%
24) Chloroform-d	4.246	84	150966	21.216	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.880%
26) 1,2-Dichloroethane-d4	4.940	65	85340	24.310	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.240%
32) Benzene-d6	4.957	84	202492	21.978	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.920%
36) 1,2-Dichloropropane-d6	5.989	67	71935	27.401	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.600%
41) Toluene-d8	7.243	98	128167	14.577	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.320%
43) trans-1,3-Dichloroprop...	7.558	79	25013	21.433	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.720%
47) 2-Hexanone-d5	8.034	63	29175	83.506	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	167.020%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	85088	37.187	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	148.760%#
66) 1,2-Dichlorobenzene-d4	11.561	152	38651	24.049	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.278	62	34165	7.870	ug/L	98
13) Acetone	2.153	43	13303	11.908	ug/L #	64
14) Carbon disulfide	2.233	76	5986	0.520	ug/L	100
16) Methylene chloride	2.442	84	32568	6.506	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	10343	2.467	ug/L	92
20) cis-1,2-Dichloroethene	3.809	96	561516	128.268	ug/L	99
34) Trichloroethene	5.838	95	5661	1.567	ug/L	93
37) 1,2-Dichloropropane	5.989	63	9107	3.584	ug/L #	84
46) Tetrachloroethene	7.911	164	1531	0.427	ug/L	98
49) Dibromochloromethane	7.911	129	1437	0.460	ug/L #	11
61) 1,2,3-Trichloropropane	11.188	75	4036	4.973	ug/L #	56
71) Naphthalene	13.464	128	1390	0.463	ug/L #	69

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

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