

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072624\
 Data File : VW036716.D
 Acq On : 25 Jul 2024 18:42
 Operator : SY/MD
 Sample : P3328-13
 Misc : 10.76g/10mL/MSVOA_V/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 26 05:03:05 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	351733	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	253992	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	56589	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	45997	11.940	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.760%
7) Chloroethane-d5	1.526	69	57199	16.439	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.760%
11) 1,1-Dichloroethene-d2	2.050	65	23662	11.616	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.480%
21) 2-Butanone-d5	3.841	46	52307	58.180	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.360%
24) Chloroform-d	4.243	84	168846	18.151	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.600%
26) 1,2-Dichloroethane-d4	4.941	65	90542	19.729	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.920%
32) Benzene-d6	4.953	84	228421	18.975	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.920%
36) 1,2-Dichloropropane-d6	5.986	67	83595	24.372	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.480%
41) Toluene-d8	7.243	98	152026	13.234	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	52.920%
43) trans-1,3-Dichloroprop...	7.558	79	28807	18.893	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.560%
47) 2-Hexanone-d5	8.030	63	34265	75.065	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.140%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	79469	26.583	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.320%
66) 1,2-Dichlorobenzene-d4	11.561	152	39297	19.893	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.560%
Target Compounds						Qvalue
5) Vinyl chloride	1.275	62	4704	0.829	ug/L	88
8) Chloroethane	1.275	64	2102	0.572	ug/L #	79
13) Acetone	2.156	43	1591	1.089	ug/L	76
16) Methylene chloride	2.439	84	80351	12.278	ug/L	97
20) cis-1,2-Dichloroethene	3.815	96	19785	3.457	ug/L	95
25) Chloroform	4.275	83	5522	0.532	ug/L	81
34) Trichloroethene	5.838	95	19213	4.070	ug/L	97
37) 1,2-Dichloropropane	5.986	63	9805	2.954	ug/L #	84
61) 1,2,3-Trichloropropane	11.185	75	5420	5.433	ug/L #	58

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

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