

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072624\
 Data File : VW036708.D
 Acq On : 25 Jul 2024 15:26
 Operator : SY/MD
 Sample : P3328-07
 Misc : 8.20g/10mL/MSVOA_V/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 26 05:02:08 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	518576	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	505112	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	248870	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	56954	10.028	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	40.120%
7) Chloroethane-d5	1.529	69	69521	13.552	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.200%
11) 1,1-Dichloroethene-d2	2.050	65	30806	10.258	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.040%#
21) 2-Butanone-d5	3.831	46	13584	10.248	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	20.500%
24) Chloroform-d	4.243	84	238103	17.361	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.440%
26) 1,2-Dichloroethane-d4	4.940	65	128008	18.919	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.680%
32) Benzene-d6	4.957	84	334036	13.953	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	55.800%
36) 1,2-Dichloropropane-d6	5.985	67	124789	18.294	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.160%
41) Toluene-d8	7.243	98	295683	12.943	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	51.760%
43) trans-1,3-Dichloroprop...	7.554	79	52436	17.292	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.160%
47) 2-Hexanone-d5	8.030	63	43883	48.341	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.680%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	138450	23.288	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.160%
66) 1,2-Dichlorobenzene-d4	11.558	152	185537	21.356	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.440%
Target Compounds						Qvalue
13) Acetone	2.156	43	62142	28.860	ug/L #	44
14) Carbon disulfide	2.233	76	12115	0.546	ug/L	100
22) 2-Butanone	3.921	43	2100	1.149	ug/L	96
29) Cyclohexane	4.577	56	3286	0.365	ug/L #	29
34) Trichloroethene	5.838	95	16595	1.768	ug/L	95
35) Methylcyclohexane	6.043	83	9907	0.793	ug/L #	68
48) 2-Hexanone	8.030	43	5700	2.358	ug/L #	55
52) Ethylbenzene	8.950	91	23498	0.672	ug/L	100
53) m,p-Xylene	9.072	106	48661	3.566	ug/L	98
54) o-Xylene	9.484	106	7414	0.566	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	339803	14.304	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	1008177	41.925	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.345	75	2470	2.391	ug/L #	1
71) Naphthalene	13.435	128	409632	25.242	ug/L	97

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

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