

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101823\
 Data File : VW027323.D
 Acq On : 18 Oct 2023 12:25
 Operator : SY/MD
 Sample : 04922-01
 Misc : 6.14g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EOAQ3

Quant Time: Oct 18 22:22:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 18 22:20:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	624673	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	481289	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	162518	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	159341	16.714	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.840%
7) Chloroethane-d5	2.893	69	127119	18.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.280%
11) 1,1-Dichloroethene-d2	4.021	65	83059	17.387	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.560%
21) 2-Butanone-d5	7.075	46	117837	37.188	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.380%
24) Chloroform-d	7.648	84	355881	19.115	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.440%
26) 1,2-Dichloroethane-d4	8.307	65	184991	18.497	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.000%
32) Benzene-d6	8.270	84	729135	22.392	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.560%
36) 1,2-Dichloropropane-d6	9.270	67	234692	23.597	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.400%
41) Toluene-d8	10.325	98	586491	19.862	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.440%
43) trans-1,3-Dichloroprop...	10.575	79	83171	18.341	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.360%
47) 2-Hexanone-d5	10.922	63	93097	45.242	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	150945	20.342	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.360%
66) 1,2-Dichlorobenzene-d4	13.855	152	108615	18.443	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.760%#
Target Compounds						
					Qvalue	
13) Acetone	4.125	43	44896	16.404	ug/L	98
29) Cyclohexane	7.953	56	85906	5.879	ug/L #	85
33) Benzene	8.325	78	619618	19.699	ug/L	100
35) Methylcyclohexane	9.331	83	138141	9.297	ug/L #	71
42) Toluene	10.386	91	77877	2.360	ug/L	99
51) Chlorobenzene	11.654	112	192591	9.321	ug/L	98
52) Ethylbenzene	11.727	91	27395	0.714	ug/L	98
53) m,p-Xylene	11.843	106	73291	5.040	ug/L	98
54) o-Xylene	12.166	106	92127	6.615	ug/L	98
60) Isopropylbenzene	12.458	105	42184	1.652	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	43148	2.026	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	107884	5.178	ug/L	99

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

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