

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072624\
 Data File : VW029757.D
 Acq On : 26 Jul 2024 17:27
 Operator : SY/MD
 Sample : P3361-09
 Misc : 8.57g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E20P1

Quant Time: Jul 27 00:57:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 27 00:53:25 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/31/2024
 Supervised By :Semsettin Yesilyurt 07/31/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	366882	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	307159	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	114864	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	49726	9.547	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	38.200%
7) Chloroethane-d5	2.899	69	44969	12.093	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.360%
11) 1,1-Dichloroethene-d2	4.021	65	25742	10.827	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.320%#
21) 2-Butanone-d5	7.081	46	48525	33.991	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.980%
24) Chloroform-d	7.648	84	144895	15.256	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	61.040%
26) 1,2-Dichloroethane-d4	8.307	65	86441	15.979	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	63.920%#
32) Benzene-d6	8.276	84	254075	15.309	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	61.240%
36) 1,2-Dichloropropane-d6	9.270	67	87734	16.556	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	66.240%#
41) Toluene-d8	10.325	98	205684	13.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	55.760%
43) trans-1,3-Dichloroprop...	10.575	79	30867	14.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.560%
47) 2-Hexanone-d5	10.922	63	30448	34.845	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	73653	18.718	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	62176	17.433	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.720%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.375	62	159380	23.244	ug/L	96
12) 1,1-Dichloroethene	4.045	96	124356	24.811	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	16864	3.122	ug/L	93
20) cis-1,2-Dichloroethene	7.167	96	2227280	380.165	ug/L	94
34) Trichloroethene	9.093	95	23387644m	4239.115	ug/L	
45) 1,1,2-Trichloroethane	10.782	97	19936	5.145	ug/L	99
46) Tetrachloroethene	10.861	164	12213	3.046	ug/L	96

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

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