

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092421\
 Data File : VW020195.D
 Acq On : 24 Sep 2021 16:20
 Operator : SY/VA
 Sample : M3874-13RE
 Misc : 5.77g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7T7RE

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 10:59:03 AM

Quant Time: Sep 25 00:43:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 25 00:37:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	238997	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	213710	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	74647	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	90627	18.535	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.160%
7) Chloroethane-d5	2.898	69	76632	20.805	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.240%
11) 1,1-Dichloroethene-d2	4.019	63	109978	14.366	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.480%
21) 2-Butanone-d5	7.086	46	35208	46.665	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.320%
24) Chloroform-d	7.653	84	171290	22.789	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.160%
26) 1,2-Dichloroethane-d4	8.311	65	94335	23.319	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.280%
32) Benzene-d6	8.281	84	302600	22.194	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.760%
36) 1,2-Dichloropropane-d6	9.274	67	96314	24.409	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.640%
41) Toluene-d8	10.323	98	249536	20.115	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.440%
43) trans-1,3-Dichloroprop...	10.579	79	34620	20.527	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.120%
47) 2-Hexanone-d5	10.927	63	27410	50.196	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.400%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	68793	22.602	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	61102	21.830	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.320%
Target Compounds						Qvalue
13) Acetone	4.135	43	21303	32.967	ug/L	99
16) Methylene chloride	4.915	84	14548	3.450	ug/L	96
20) cis-1,2-Dichloroethene	7.177	96	1037	0.305	ug/L	81
22) 2-Butanone	7.183	43	7811	9.317	ug/L #	71
33) Benzene	8.323	78	6519	0.505	ug/L	100
35) Methylcyclohexane	9.341	83	7577	1.347	ug/L #	78
42) Toluene	10.396	91	5078	0.371	ug/L	100
53) m,p-Xylene	11.841	106	40059	6.962	ug/L	96
60) Isopropylbenzene	12.463	105	3737m	0.373	ug/L	
62) 1,3,5-Trimethylbenzene	12.938	105	3850	0.469	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	157548	19.525	ug/L	98

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

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