

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
 Data File : VW020174.D
 Acq On : 24 Sep 2021 03:47
 Operator : SY/VA
 Sample : M3874-14
 Misc : 4.20g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7T8

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 10:54:05 AM

Quant Time: Sep 24 04:14:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 24 02:49:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	397438	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	309288	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	76159	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	134554	16.549	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.200%
7) Chloroethane-d5	2.898	69	114291	18.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.640%
11) 1,1-Dichloroethene-d2	4.025	63	173469	13.626	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.520%
21) 2-Butanone-d5	7.080	46	28612	22.804	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.600%
24) Chloroform-d	7.653	84	245338	19.628	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.520%
26) 1,2-Dichloroethane-d4	8.311	65	124272	18.473	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.880%
32) Benzene-d6	8.281	84	450740	22.843	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.360%
36) 1,2-Dichloropropane-d6	9.281	67	133875	23.443	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.760%
41) Toluene-d8	10.323	98	408079	22.729	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.920%
43) trans-1,3-Dichloroprop...	10.579	79	40327	16.522	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.080%
47) 2-Hexanone-d5	10.927	63	26132	33.067	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.140%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	70488	16.002	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	55625	19.478	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.920%
Target Compounds	Qvalue					
13) Acetone	4.129	43	32839	30.560	ug/L	100
14) Carbon disulfide	4.397	76	6305	0.380	ug/L	97
16) Methylene chloride	4.915	84	17096m	2.438	ug/L	
22) 2-Butanone	7.177	43	17361	12.453	ug/L	84
29) Cyclohexane	7.964	56	4179	0.607	ug/L #	93
33) Benzene	8.329	78	12433	0.666	ug/L	100
35) Methylcyclohexane	9.341	83	58790	7.221	ug/L #	87
42) Toluene	10.390	91	12865	0.649	ug/L	94
51) Chlorobenzene	11.658	112	5774	0.448	ug/L #	87
52) Ethylbenzene	11.731	91	7446	0.341	ug/L #	76
53) m,p-Xylene	11.847	106	73267	8.799	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	2368435	287.694	ug/L	99

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

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