

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
 Data File : VW020487.D
 Acq On : 14 Oct 2021 12:22
 Operator : SY/VA
 Sample : M4181-19RE
 Misc : 5.96g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0B28RE

Quant Time: Oct 14 23:36:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 14 23:35:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	176784	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	87282	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	10758	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	69572	27.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.20%
7) Chloroethane-d5	2.879	69	41393	30.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.84%
11) 1,1-Dichloroethene-d2	4.013	63	92187	17.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.96%
21) 2-Butanone-d5	7.086	46	31029	39.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.28%
24) Chloroform-d	7.653	84	146438	25.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.96%
26) 1,2-Dichloroethane-d4	8.311	65	72359	22.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.92%
32) Benzene-d6	8.274	84	261999	45.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	182.52%#
36) 1,2-Dichloropropane-d6	9.274	67	88606	47.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	189.40%#
41) Toluene-d8	10.323	98	173634	33.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	134.84%#
43) trans-1,3-Dichloroprop...	10.579	79	16104	21.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.72%
47) 2-Hexanone-d5	10.926	63	15378	53.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.84%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	43067	30.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.80%#
66) 1,2-Dichlorobenzene-d4	13.853	152	12595	29.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.72%
Target Compounds						
					Qvalue	
29) Cyclohexane	7.951	56	2157	0.84	ug/L	# 67
33) Benzene	8.323	78	11126	1.79	ug/L	100
35) Methylcyclohexane	9.335	83	5447	2.08	ug/L	94
42) Toluene	10.390	91	26202	4.20	ug/L	98
52) Ethylbenzene	11.731	91	3354	0.50	ug/L	93
53) m,p-Xylene	11.835	106	3629	1.45	ug/L	97
54) o-Xylene	12.170	106	2643	1.14	ug/L	97
60) Isopropylbenzene	12.463	105	1190	0.75	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	477	0.37	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	1862	1.46	ug/L	94

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

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