

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
 Data File : VW020515.D
 Acq On : 15 Oct 2021 01:12
 Operator : SY/VA
 Sample : M4210-03
 Misc : 4.22g/10mL/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JDGC3

Manual Integrations
 APPROVED

MMDadoda
 10/18/2021 5:52:35 PM

Quant Time: Oct 15 01:34:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 15 00:58:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	199553	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	132342	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	36775	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.349	65	70025	24.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.48%
7) Chloroethane-d5	2.879	69	38152	24.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.48%
11) 1,1-Dichloroethene-d2	4.013	63	100963	16.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.88%
21) 2-Butanone-d5	7.080	46	37752	42.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.44%
24) Chloroform-d	7.653	84	144623	22.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.96%
26) 1,2-Dichloroethane-d4	8.305	65	79080	21.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.08%
32) Benzene-d6	8.275	84	268505	30.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.36%
36) 1,2-Dichloropropane-d6	9.274	67	86302	30.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.68%#
41) Toluene-d8	10.323	98	196240	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.48%
43) trans-1,3-Dichloroprop...	10.579	79	25472	22.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.36%
47) 2-Hexanone-d5	10.927	63	23771	54.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.92%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	41696	19.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.76%
66) 1,2-Dichlorobenzene-d4	13.853	152	27881	19.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.52%

Target Compounds					Qvalue
13) Acetone	4.123	43	56282	69.37	ug/L 98
14) Carbon disulfide	4.385	76	10467	1.15	ug/L 98
15) Methyl Acetate	4.684	43	2619	1.74	ug/L # 76
16) Methylene chloride	4.915	84	20894	5.39	ug/L 99
22) 2-Butanone	7.177	43	90118	88.74	ug/L 96
40) 4-Methyl-2-pentanone	10.213	43	3853	2.63	ug/L # 80
42) Toluene	10.390	91	132318	13.99	ug/L 100
52) Ethylbenzene	11.731	91	45012	4.39	ug/L 99
53) m,p-Xylene	11.835	106	10573	2.78	ug/L 90
54) o-Xylene	12.164	106	4648	1.32	ug/L 98
55) Styrene	12.182	104	17016	2.77	ug/L 96
60) Isopropylbenzene	12.463	105	9910m	1.84	ug/L
62) 1,3,5-Trimethylbenzene	12.945	105	3228	0.73	ug/L 89
63) 1,2,4-Trimethylbenzene	13.249	105	12758m	2.92	ug/L
65) 1,4-Dichlorobenzene	13.579	146	201458	83.40	ug/L 96

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

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