

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093021\
 Data File : VW020273.D
 Acq On : 30 Sep 2021 16:29
 Operator : SY/VA
 Sample : M3973-21RE
 Misc : 6.55g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW8Y5RE

Manual Integrations
 APPROVED

MMDadoda
 10/4/2021 3:16:31 PM

Quant Time: Oct 01 01:06:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 01 01:03:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	23351	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	14477	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	3291	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	14318	29.972	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 119.880%			
7) Chloroethane-d5	2.904	69	6980	19.396	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.600%			
11) 1,1-Dichloroethene-d2	4.031	63	17045	22.789	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.160%			
21) 2-Butanone-d5	7.110	46	369m	5.006	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery = 10.020%#			
24) Chloroform-d	7.653	84	10809	14.719	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 58.880%			
26) 1,2-Dichloroethane-d4	8.317	65	4076	10.313	ug/L	0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 41.240%#			
32) Benzene-d6	8.281	84	21703	23.498	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.000%			
36) 1,2-Dichloropropane-d6	9.280	67	6080	22.746	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.000%			
41) Toluene-d8	10.323	98	25811	30.713	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 122.840%			
43) trans-1,3-Dichloroprop...	10.579	79	1088	9.523	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 38.080%			
47) 2-Hexanone-d5	10.933	63	1088	29.413	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 58.820%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	2028	9.836	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 39.360%#			
66) 1,2-Dichlorobenzene-d4	13.859	152	3654m	29.611	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 118.440%			
Target Compounds						Qvalue
29) Cyclohexane	7.957	56	21318	66.177	ug/L #	84
33) Benzene	8.323	78	2101	2.405	ug/L	100
35) Methylcyclohexane	9.341	83	134991	354.224	ug/L	97
52) Ethylbenzene	11.731	91	4600m	4.499	ug/L	
53) m,p-Xylene	11.847	106	1380	3.540	ug/L	73
54) o-Xylene	12.170	106	1967	5.455	ug/L	82
60) Isopropylbenzene	12.463	105	21318m	48.311	ug/L	
62) 1,3,5-Trimethylbenzene	12.944	105	2518	6.953	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	7248	20.374	ug/L	97

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

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