

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006962.D
 Acq On : 06 Dec 2021 15:51
 Operator : SY/MD
 Sample : M4887-05
 Misc : 5.15g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8A2

Quant Time: Dec 07 00:47:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 00:43:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	56691	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.489	117	25697	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	5054	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	33981	46.541	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 186.160%#	
7) Chloroethane-d5	2.765	69	22163	38.695	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 154.800%#	
11) 1,1-Dichloroethene-d2	3.851	63	31052	20.457	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 81.840%	
21) 2-Butanone-d5	6.893	46	5866	20.801	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 41.600%	
24) Chloroform-d	7.478	84	38459	27.222	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 108.880%	
26) 1,2-Dichloroethane-d4	8.136	65	22632	26.688	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 106.760%	
32) Benzene-d6	8.106	84	67964	49.790	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 199.160%#	
36) 1,2-Dichloropropane-d6	9.118	67	24461	57.034	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 228.120%#	
41) Toluene-d8	10.179	98	47623	37.250	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 149.000%#	
43) trans-1,3-Dichloroprop...	10.435	79	5313	25.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 102.440%	
47) 2-Hexanone-d5	10.788	63	4968	50.049	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.100%	
56) 1,1,2,2-Tetrachloroeth...	12.556	84	12506	35.000	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 140.000%#	
66) 1,2-Dichlorobenzene-d4	13.721	152	3318	20.132	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 80.520%	
Target Compounds						Qvalue
13) Acetone	3.942	43	1169	4.523	ug/L	80
16) Methylene chloride	4.710	84	5761	5.667	ug/L	90
33) Benzene	8.155	78	2433	1.408	ug/L	100
34) Trichloroethene	8.935	95	38930	91.485	ug/L	91
42) Toluene	10.246	91	4380	2.376	ug/L	97
45) 1,1,2-Trichloroethane	10.642	97	358	1.097	ug/L	86
46) Tetrachloroethene	10.715	164	266764	748.248	ug/L	97
63) 1,2,4-Trimethylbenzene	13.117	105	436	0.733	ug/L	# 79

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

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