

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006976.D
 Acq On : 06 Dec 2021 22:48
 Operator : SY/MD
 Sample : M4887-22
 Misc : 2.74g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8D4

Quant Time: Dec 07 04:14:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 04:00:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.685	114	44534	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	26983	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	5605	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	28415	49.541	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	198.160%#
7) Chloroethane-d5	2.766	69	23284	51.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	207.000%#
11) 1,1-Dichloroethene-d2	3.851	63	30495	25.575	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.280%
21) 2-Butanone-d5	6.881	46	13368	60.344	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.680%
24) Chloroform-d	7.478	84	50017	45.067	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	180.280%#
26) 1,2-Dichloroethane-d4	8.143	65	27916	41.905	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	167.600%#
32) Benzene-d6	8.106	84	72068	50.280	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	201.120%#
36) 1,2-Dichloropropane-d6	9.118	67	33185	73.688	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	294.760%#
41) Toluene-d8	10.179	98	50297	37.467	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	149.880%#
43) trans-1,3-Dichloroprop...	10.435	79	6389	29.331	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	117.320%
47) 2-Hexanone-d5	10.782	63	5562	53.363	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.720%
56) 1,1,2,2-Tetrachloroeth...	12.556	84	23567	62.813	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	251.240%#
66) 1,2-Dichlorobenzene-d4	13.721	152	5015	27.437	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.760%
Target Compounds						Qvalue
13) Acetone	3.936	43	3410	16.796	ug/L	90
16) Methylene chloride	4.716	84	10082	12.624	ug/L	84
27) 1,2-Dichloroethane	8.234	62	7119	8.068	ug/L	97
33) Benzene	8.161	78	3405	1.877	ug/L	100
34) Trichloroethene	8.935	95	21127	47.282	ug/L	95
42) Toluene	10.240	91	9645	4.984	ug/L	100
46) Tetrachloroethene	10.715	164	1011	2.701	ug/L	81
53) m,p-Xylene	11.697	106	706	0.897	ug/L	89

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

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