

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006987.D
 Acq On : 07 Dec 2021 02:50
 Operator : SY/MD
 Sample : M4884-16RE
 Misc : 3.52g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K2RE

Quant Time: Dec 07 04:16:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.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	8.691	114	118489	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	90243	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	26999	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	36176	23.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.840%
7) Chloroethane-d5	2.771	69	33243	27.769	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.080%
11) 1,1-Dichloroethene-d2	3.850	63	41752	13.160	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.640%
21) 2-Butanone-d5	6.893	46	26146	44.359	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.720%
24) Chloroform-d	7.478	84	82301	27.871	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.480%
26) 1,2-Dichloroethane-d4	8.142	65	52497	29.618	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.480%
32) Benzene-d6	8.112	84	150445	31.384	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.520%
36) 1,2-Dichloropropane-d6	9.124	67	57082	37.899	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	151.600%#
41) Toluene-d8	10.179	98	114510	25.505	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	10.441	79	17455	23.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.840%
47) 2-Hexanone-d5	10.788	63	17706	50.793	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.580%
56) 1,1,2,2-Tetrachloroeth...	12.556	84	45671	36.397	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	145.600%#
66) 1,2-Dichlorobenzene-d4	13.721	152	25405	28.854	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.400%
Target Compounds						
					Qvalue	
13) Acetone	3.936	43	1838	3.403	ug/L	62
20) cis-1,2-Dichloroethene	6.990	96	17463	9.526	ug/L	95
25) Chloroform	7.502	83	2656	0.820	ug/L	82
27) 1,2-Dichloroethane	8.240	62	3051	1.300	ug/L #	92
34) Trichloroethene	8.941	95	121976	81.622	ug/L	94
45) 1,1,2-Trichloroethane	10.642	97	4978	4.344	ug/L	91
46) Tetrachloroethene	10.721	164	4141	3.307	ug/L	95

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

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