

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121020\
 Data File : VY003722.D
 Acq On : 10 Dec 2020 16:31
 Operator : SY/MD
 Sample : L4980-05
 Misc : 6.26G/10ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1F0

Quant Time: Dec 11 01:34:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 00:47:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	227223	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	211205	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	91393	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	56778	17.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.68%
7) Chloroethane-d5	2.77	69	48139	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.44%
10) 1,1-Dichloroethene-d2	3.86	63	88729	14.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.68%
20) 2-Butanone-d5	6.90	46	47498	41.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.92%
24) Chloroform-d	7.49	84	124186	21.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.96%
26) 1,2-Dichloroethane-d4	8.15	65	72636	22.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.32%
29) Benzene-d6	8.12	84	265809	21.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.96%
33) 1,2-Dichloropropane-d6	9.12	67	80786	22.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.32%
37) Toluene-d8	10.18	98	240277	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.68%
38) trans-1,3-Dichloropropene-	10.44	79	38612	22.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.32%
39) 2-Hexanone-d5	10.79	63	42933	47.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.72%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	70806	21.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.84%
61) 1,2-Dichlorobenzene-d4	13.72	152	78301	23.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.32%

Target Compounds

					Ovalue
13) Acetone	3.97	43	5829	6.942	ug/L 97
14) Carbon disulfide	4.20	76	2354	0.260	ug/L # 76
22) cis-1,2-Dichloroethene	7.00	96	50927	15.608	ug/L 91
35) Trichloroethene	8.94	95	52383	15.792	ug/L 98
47) Tetrachloroethene	10.72	164	1500750	580.946	ug/L 93

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

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