

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037091.D
 Acq On : 05 Mar 2020 18:26
 Operator : JC/MD
 Sample : L1780-05DL 400X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DF9DL

Quant Time: Mar 06 01:26:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 22:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	256821	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	243085	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	92188	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	76914	35.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.32%
7) Chloroethane-d5	1.93	69	80260	44.98	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.96%
11) 1,1-Dichloroethene-d2	2.59	63	108371	30.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.02%
21) 2-Butanone-d5	4.67	46	151578	104.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.78%
24) Chloroform-d	5.11	84	157941	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
26) 1,2-Dichloroethane-d4	5.74	65	110242	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
32) Benzene-d6	5.76	84	334656	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
36) 1,2-Dichloropropane-d6	6.72	67	112191	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.52%
41) Toluene-d8	7.93	98	289096	44.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.66%
43) trans-1,3-Dichloropropene-	8.20	79	45587	43.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.14%
47) 2-Hexanone-d5	8.66	63	101923	91.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.53%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	158593	49.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.78%
64) 1,2-Dichlorobenzene-d4	12.21	152	92538	51.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.70%

Target Compounds

					Ovalue
33) Benzene	5.81	78	71246	9.278	ug/L 100
51) Chlorobenzene	9.47	112	82517	17.022	ug/L 99
62) 1,3-Dichlorobenzene	11.76	146	9946	3.326	ug/L 96
63) 1,4-Dichlorobenzene	11.85	146	58615	19.838	ug/L 100
65) 1,2-Dichlorobenzene	12.23	146	66432	22.248	ug/L 97
68) 1,2,4-trichlorobenzene	13.87	180	4943	3.476	ug/L 94
70) 1,2,3-Trichlorobenzene	14.36	180	1696	1.193	ug/L 92

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

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