

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010719\
 Data File : VU029064.D
 Acq On : 07 Jan 2019 17:52
 Operator : MD/SY
 Sample : K1048-05DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0950DL

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 9:17:29 AM

Quant Time: Jan 08 03:44:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 08 03:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	186219	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	176822	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	74962	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	69272	46.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.80%
7) Chloroethane-d5	1.67	69	54178	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.96%
11) 1,1-Dichloroethene-d2	2.27	63	88442	35.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.46%
21) 2-Butanone-d5	4.17	46	106274	101.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.60%
24) Chloroform-d	4.65	84	114176	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	5.30	65	72610	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
32) Benzene-d6	5.34	84	246644	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
36) 1,2-Dichloropropane-d6	6.33	67	84495	49.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.58%
41) Toluene-d8	7.56	98	215910	47.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.38%
43) trans-1,3-Dichloropropene-	7.85	79	36091	47.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.92%
47) 2-Hexanone-d5	8.31	63	76031	94.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114551	48.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	78808	51.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.96%

Target Compounds

					Ovalue
33) Benzene	5.39	78	116313	20.662	ug/L 100
51) Chlorobenzene	9.12	112	468777	130.346	ug/L 100
62) 1,3-Dichlorobenzene	11.42	146	17438	7.323	ug/L 97
63) 1,4-Dichlorobenzene	11.50	146	147442	60.097	ug/L 99
65) 1,2-Dichlorobenzene	11.88	146	203001	81.722	ug/L 98
68) 1,2,4-trichlorobenzene	13.50	180	19423m	13.211	ug/L
70) 1,2,3-Trichlorobenzene	13.99	180	5600	3.532	ug/L 95

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

