

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022519\
 Data File : VU029650.D
 Acq On : 25 Feb 2019 11:35
 Operator : JC/SP
 Sample : K1581-19DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB629DL

Manual Integrations
 APPROVED

MMDadoda
 2/26/2019 1:26:24 PM

Quant Time: Feb 26 00:39:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 26 00:12:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	489030	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	471933	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	239680	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	153600	42.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.72%
7) Chloroethane-d5	1.68	69	136507	42.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.70%
11) 1,1-Dichloroethene-d2	2.27	63	213605	30.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.00%
21) 2-Butanone-d5	4.17	46	218537	100.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.21%
24) Chloroform-d	4.65	84	271193	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.32%
26) 1,2-Dichloroethane-d4	5.31	65	175060	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.14%
32) Benzene-d6	5.34	84	602608	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.50%
36) 1,2-Dichloropropane-d6	6.33	67	183239	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.58%
41) Toluene-d8	7.56	98	574761	47.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.86%
43) trans-1,3-Dichloropropene-	7.85	79	85683	45.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.42%
47) 2-Hexanone-d5	8.31	63	167625	84.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.25%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	272506	45.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	244844	47.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Ovalue
13) Acetone	2.32	43	16813	7.215 ug/L	90
22) 2-Butanone	4.29	43	3994m	1.502 ug/L	
29) Cyclohexane	4.99	56	44425	9.512 ug/L	97
33) Benzene	5.39	78	874154	72.246 ug/L	100
35) Methylcyclohexane	6.41	83	33495	6.188 ug/L #	87
42) Toluene	7.64	91	68557	4.791 ug/L	98
52) Ethylbenzene	9.25	91	90284	5.556 ug/L	99
53) m,p-Xylene	9.37	106	48917	7.499 ug/L	97
56) Isopropylbenzene	10.16	105	27497	1.604 ug/L	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU022519\
Data File : VU029650.D
Acq On : 25 Feb 2019 11:35
Operator : JC/SP
Sample : K1581-19DL 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB629DL

Manual Integrations
APPROVED

MMDadoda
2/26/2019 1:26:24 PM

Quant Time: Feb 26 00:39:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration

