

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037919.D
 Acq On : 29 Apr 2020 18:06
 Operator : JC/MD
 Sample : L2410-17MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBFF4MS

Manual Integrations
 APPROVED

apatel
 5/4/2020 10:18:08 AM

Quant Time: Apr 30 03:44:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 01:17:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	669672	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	652280	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	308140	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	206731	35.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.66%
7) Chloroethane-d5	1.93	69	194675m	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.86%
11) 1,1-Dichloroethene-d2	2.59	63	401398	42.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.76%
21) 2-Butanone-d5	4.66	46	444409	95.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.86%
24) Chloroform-d	5.10	84	413840	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.86%
26) 1,2-Dichloroethane-d4	5.74	65	290111	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
32) Benzene-d6	5.76	84	853302	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
36) 1,2-Dichloropropane-d6	6.72	67	292569	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.84%
41) Toluene-d8	7.92	98	770142	45.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.86%
43) trans-1,3-Dichloropropene-	8.20	79	137044	43.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.32%
47) 2-Hexanone-d5	8.65	63	335427	99.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.87%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	424679	49.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.94%
64) 1,2-Dichlorobenzene-d4	12.20	152	291504	48.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	205150	50.459	ug/L	89
13) Acetone	2.65	43	20356	7.359	ug/L	96
27) 1,2-Dichloroethane	5.83	62	25064	3.413	ug/L #	92
29) Cyclohexane	5.42	56	32908	3.606	ug/L	97
33) Benzene	5.81	78	1047739	52.922	ug/L	100
34) Trichloroethene	6.57	95	245095	50.470	ug/L	98
35) Methylcyclohexane	6.79	83	24566	2.889	ug/L	96
42) Toluene	7.99	91	1085734	52.306	ug/L	100
46) Tetrachloroethene	8.57	164	502812	141.657	ug/L	99
51) Chlorobenzene	9.47	112	663432	51.384	ug/L	99
53) m,p-Xylene	9.71	106	29012	3.315	ug/L	92
54) o-xylene	10.12	106	39203	4.580	ug/L	99

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

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