

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052920\
 Data File : VU038373.D
 Acq On : 29 May 2020 11:58
 Operator : JC/MD
 Sample : L2756-07 400X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETKW9

Quant Time: May 29 17:04:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 16:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	636814	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	615956	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	302667	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	191622	47.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.86%
7) Chloroethane-d5	1.93	69	154440	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.59	63	299103	36.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.22%
21) 2-Butanone-d5	4.66	46	388372	102.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.25%
24) Chloroform-d	5.10	84	376086	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
26) 1,2-Dichloroethane-d4	5.74	65	258274	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.02%
32) Benzene-d6	5.76	84	787181	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.36%
36) 1,2-Dichloropropane-d6	6.72	67	240909	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.12%
41) Toluene-d8	7.93	98	699239	49.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.84%
43) trans-1,3-Dichloropropene-	8.20	79	115565	46.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.58%
47) 2-Hexanone-d5	8.66	63	288515	110.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.45%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	342693	46.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.34%
64) 1,2-Dichlorobenzene-d4	12.21	152	271051	48.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.62%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) 1,1-Dichloroethane	3.91	63	15169	1.93	ug/L	98
20) cis-1,2-Dichloroethene	4.71	96	469802	103.41	ug/L	96
30) 1,1,1-Trichloroethane	5.35	97	65205	9.74	ug/L	99
33) Benzene	5.81	78	1345973	77.80	ug/L	100
34) Trichloroethene	6.57	95	105359	23.80	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	141964	19.90	ug/L	99
42) Toluene	8.00	91	2452872	135.05	ug/L	99
48) 2-Hexanone	8.71	43	25808	4.28	ug/L	93
52) Ethylbenzene	9.59	91	58145	2.86	ug/L	99
53) m,p-Xylene	9.71	106	47903	6.16	ug/L	94
54) o-xylene	10.12	106	21037	2.78	ug/L	96
55) Styrene	10.13	104	39548	3.04	ug/L	96

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

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