

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101719\
 Data File : VU035242.D
 Acq On : 18 Oct 2019 04:30
 Operator : JC/SP
 Sample : K5419-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FY7

Quant Time: Oct 18 07:22:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 05:36:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	352490	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	343092	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	133870	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	109418	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.93	69	102456	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.60	63	151649	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.71	46	288913	46.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.56%
24) Chloroform-d	5.11	84	193073	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.75	65	111379	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.77	84	407508	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.74	67	136666	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	7.93	98	390462	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
43) trans-1,3-Dichloropropene-	8.22	79	57269	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.69	63	249355	46.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.54%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	107784	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	125719	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	44901	1.469	ug/L	90
13) Acetone	2.67	43	5338	1.242	ug/L	91
18) trans-1,2-Dichloroethene	3.40	96	3905	0.160	ug/L	76
19) 1,1-Dichloroethane	3.92	63	11469	0.260	ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	17015	0.630	ug/L	99
30) Cyclohexane	5.43	56	5945	0.138	ug/L #	83
33) Benzene	5.82	78	19070	0.189	ug/L	100
34) Trichloroethene	6.58	95	4384	0.162	ug/L	92
35) Methylcyclohexane	6.80	83	6858	0.151	ug/L #	75
42) Toluene	8.01	91	17652	0.158	ug/L	98
52) Ethylbenzene	9.60	91	246590	1.946	ug/L	99
53) m,p-Xylene	9.73	106	13237	0.277	ug/L	95
56) Isopropylbenzene	10.51	105	14972	0.119	ug/L	98

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

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