

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101719\
 Data File : VU035239.D
 Acq On : 18 Oct 2019 03:19
 Operator : JC/SP
 Sample : K5419-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G56

Quant Time: Oct 18 06:56:01 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	332461	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	321437	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	139091	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	110494	5.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.00%
7) Chloroethane-d5	1.93	69	92555	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.59	63	139659	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.71	46	277637	47.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.32%
24) Chloroform-d	5.11	84	176146	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.75	65	105166	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.77	84	378179	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.74	67	119885	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.93	98	352795	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	8.22	79	51224	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.69	63	241004	48.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.50%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	100447	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	128487	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	904642	31.383	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	73456	3.187	ug/L	97
19) 1,1-Dichloroethane	3.92	63	176770	4.241	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	282290	11.080	ug/L	98
25) Chloroform	5.14	83	11065	0.242	ug/L	95
30) Cyclohexane	5.43	56	6624	0.164	ug/L	97
33) Benzene	5.82	78	69833	0.738	ug/L	100
34) Trichloroethene	6.58	95	2845	0.112	ug/L	81
35) Methylcyclohexane	6.79	83	4823	0.113	ug/L	94
42) Toluene	8.01	91	63303	0.606	ug/L	96
52) Ethylbenzene	9.60	91	22030	0.186	ug/L	99

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

