

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101719\
 Data File : VU035244.D
 Acq On : 18 Oct 2019 05:17
 Operator : JC/SP
 Sample : K5419-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 23:55:07 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	358185	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	341184	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	159601	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	144785	6.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	132.60%#
7) Chloroethane-d5	1.93	69	104285	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.60	63	187521	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.80%
20) 2-Butanone-d5	4.71	46	301421	48.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.04%
24) Chloroform-d	5.11	84	191081	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.75	65	113103	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.77	84	411333	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.74	67	132791	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.93	98	393016	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
43) trans-1,3-Dichloropropene-	8.22	79	54349	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.68	63	260085	49.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.10%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	109294	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	152079	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

					Qvalue
5) Vinyl chloride	1.62	62	3991522	128.525 ug/L	99
8) Chloroethane	1.95	64	27572	1.377 ug/L	100
13) Acetone	2.68	43	6332	1.450 ug/L	82
16) Methylene chloride	3.08	84	4231	0.153 ug/L	94
18) trans-1,2-Dichloroethene	3.39	96	862044	34.712 ug/L	95
19) 1,1-Dichloroethane	3.92	63	43108	0.960 ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	5158432	187.930 ug/L	100
25) Chloroform	5.14	83	11738	0.238 ug/L	98
30) Cyclohexane	5.43	56	5921	0.138 ug/L #	94
33) Benzene	5.82	78	252801	2.518 ug/L	100
34) Trichloroethene	6.58	95	256001	9.485 ug/L	98
35) Methylcyclohexane	6.80	83	6220	0.138 ug/L #	68
42) Toluene	8.01	91	496613	4.481 ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	2038	0.108 ug/L	95
51) Chlorobenzene	9.48	112	7219	0.101 ug/L	92
52) Ethylbenzene	9.60	91	146646	1.164 ug/L	98
53) m,p-Xylene	9.72	106	94925	1.995 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	10.13	106	78826	1.697	ug/L	99
56) Isopropylbenzene	10.51	105	10266	0.082	ug/L #	90

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

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