

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102219\
 Data File : VU035361.D
 Acq On : 22 Oct 2019 13:38
 Operator : JC/SP
 Sample : K5461-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
ClientSampled :
 H0G70

Manual Integrations
APPROVED
 MMDadoda
 10/23/2019 11:32:16 AM

Quant Time: Oct 23 07:57:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 06:48:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.30	114	279346	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	265187	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	86105	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	129419	7.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	152.00%#
7) Chloroethane-d5	1.94	69	103229	6.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	132.60%#
11) 1,1-Dichloroethene-d2	2.60	63	168742	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.20%
20) 2-Butanone-d5	4.72	46	315830	64.52	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.04%
24) Chloroform-d	5.12	84	169910	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.75	65	100743	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.80%
32) Benzene-d6	5.77	84	382115	6.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	126.00%#
36) 1,2-Dichloropropane-d6	6.74	67	123747	6.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	128.60%
41) Toluene-d8	7.93	98	325939	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
43) trans-1,3-Dichloropropene-	8.22	79	31942	3.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.40%
46) 2-Hexanone-d5	8.69	63	197436	47.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.82%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	95255	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	12.23	152	92574	5.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	1504296	62.108	ug/L	99
12) 1,1-Dichloroethene	2.61	96	25042	1.395	ug/L #	1
13) Acetone	2.67	43	9340	2.743	ug/L	98
14) Carbon disulfide	2.82	76	24514	0.432	ug/L #	91
17) Methyl tert-butyl Ether	3.43	73	67182	1.391	ug/L #	88
18) trans-1,2-Dichloroethene	3.39	96	1241967	64.125	ug/L	94
19) 1,1-Dichloroethane	3.92	63	138543	3.956	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	25500790m	1191.236	ug/L	
30) Cyclohexane	5.43	56	25773	0.775	ug/L	97
33) Benzene	5.82	78	136740	1.752	ug/L	100
34) Trichloroethene	6.58	95	454849	21.683	ug/L	98
42) Toluene	8.01	91	18443	0.214	ug/L	98

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

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