

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035377.D
 Acq On : 22 Oct 2019 20:52
 Operator : JC/SP
 Sample : K5461-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FZ2

Manual Integrations
 APPROVED

MMDadoda
 10/23/2019 11:32:12 AM

Quant Time: Oct 23 08:51:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 08:02:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	259557	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	256187	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	85723	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	134575	8.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	170.00%#
7) Chloroethane-d5	1.93	69	99555	6.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	137.60%#
11) 1,1-Dichloroethene-d2	2.59	63	155781	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.40%
20) 2-Butanone-d5	4.71	46	206226	45.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.68%
24) Chloroform-d	5.11	84	156724	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.75	65	96729	6.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.80%
32) Benzene-d6	5.77	84	354848	6.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.20%
36) 1,2-Dichloropropane-d6	6.74	67	116307	6.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	125.00%
41) Toluene-d8	7.93	98	309369	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
43) trans-1,3-Dichloropropene-	8.22	79	40802	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.70	63	156241	39.24	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.48%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	92904	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	90656	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	2432833	108.103	ug/L	99
13) Acetone	2.67	43	3257	1.030	ug/L	87
16) Methylene chloride	3.08	84	2280	0.114	ug/L	91
17) Methyl tert-butyl Ether	3.43	73	110412	2.460	ug/L #	88
18) trans-1,2-Dichloroethene	3.39	96	426906	23.723	ug/L	94
19) 1,1-Dichloroethane	3.92	63	52995	1.628	ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	9187403	461.899	ug/L	97
25) Chloroform	5.14	83	22103	0.619	ug/L	98
30) Cyclohexane	5.43	56	7590	0.236	ug/L	95
33) Benzene	5.82	78	47513m	0.630	ug/L	

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

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