

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028156.D
 Acq On : 15 Nov 2018 06:03
 Operator : MD/SY
 Sample : J5943-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FP4

Manual Integrations
 APPROVED

MMDadoda
 11/15/2018 10:08:25 AM

Quant Time: Nov 15 08:23:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 15 06:14:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	129832	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	124565	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	60891	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59597	5.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.60%
7) Chloroethane-d5	1.68	69	44514	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.28	63	74114	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.22	46	183638	58.77	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.54%
24) Chloroform-d	4.65	84	82538	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.31	65	48585	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.34	84	170686	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.33	67	65877	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.57	98	151327	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.85	79	18269	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.32	63	139330	53.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	45837	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	53185	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	1803323	129.675	ug/L	97
13) Acetone	2.35	43	6642m	3.156	ug/L	
18) trans-1,2-Dichloroethene	2.98	96	24915	2.715	ug/L	98
19) 1,1-Dichloroethane	3.44	63	20804	1.078	ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	3050749	301.481	ug/L	97
30) Cyclohexane	4.99	56	5890	0.298	ug/L #	83
33) Benzene	5.39	78	47545	1.133	ug/L	100
34) Trichloroethene	6.19	95	22085	2.129	ug/L	98
35) Methylcyclohexane	6.41	83	2904	0.163	ug/L #	77
42) Toluene	7.64	91	174868	4.041	ug/L	99
51) Chlorobenzene	9.12	112	3728	0.147	ug/L #	89
52) Ethylbenzene	9.25	91	81229	1.720	ug/L	97
53) m,p-xylene	9.38	106	38665	2.247	ug/L	93
54) o-xylene	9.78	106	25526	1.541	ug/L	97
56) Isopropylbenzene	10.17	105	7527	0.168	ug/L	95

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

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