

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU111518\  
 Data File : VU028166.D  
 Acq On : 15 Nov 2018 12:08  
 Operator : MD/SY  
 Sample : J5943-16DL 5X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 H0FN2DL

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 11/16/2018 12:32:20 PM

Quant Time: Nov 16 01:18:57 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR111418WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Nov 16 00:43:47 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	11/16/2018 12:32:20 PM
1) 1,4-Difluorobenzene	5.89	114	130700	5.00	ug/L	0.00	
28) Chlorobenzene-d5	9.09	117	126555	5.00	ug/L	0.00	
60) 1,4-Dichlorobenzene-d4	11.48	152	59145	5.00	ug/L	0.00	

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43507	4.01	ug/L	0.00	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%	
7) Chloroethane-d5	1.68	69	36125	4.19	ug/L	0.00	
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%	
11) 1,1-Dichloroethene-d2	2.28	63	62611	3.09	ug/L	0.00	
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%	
20) 2-Butanone-d5	4.19	46	149984	47.68	ug/L	0.00	
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.36%	
24) Chloroform-d	4.65	84	78691	4.56	ug/L	0.00	
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%	
26) 1,2-Dichloroethane-d4	5.31	65	45731	4.75	ug/L	0.00	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%	
32) Benzene-d6	5.34	84	161007	4.43	ug/L	0.00	
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%	
36) 1,2-Dichloropropane-d6	6.33	67	58289	4.48	ug/L	0.00	
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%	
41) Toluene-d8	7.57	98	141808	4.19	ug/L	0.00	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%	
43) trans-1,3-Dichloropropene-	7.85	79	18641	4.02	ug/L	0.00	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%	
46) 2-Hexanone-d5	8.31	63	110270	41.65	ug/L	0.00	
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.30%	
57) 1,1,2,2-Tetrachloroethane-	10.43	84	42007	4.57	ug/L	0.00	
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%	
64) 1,2-Dichlorobenzene-d4	11.86	152	49739	4.50	ug/L	0.00	
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%	

Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	4310	0.31	ug/L #	74
13) Acetone	2.33	43	2376	1.12	ug/L	83
18) trans-1,2-Dichloroethene	2.99	96	643	0.07	ug/L	90
22) cis-1,2-Dichloroethene	4.22	96	3468m	0.34	ug/L	

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

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