

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112020\  
 Data File : VU041377.D  
 Acq On : 20 Nov 2020 19:16  
 Operator : SY/MD  
 Sample : L4849-10  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 H4400

Manual Integrations  
 APPROVED

SAM  
 11/23/2020 6:10:05 PM

Quant Time: Nov 21 06:22:07 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR111620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Nov 21 02:42:19 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.34	114	59795	5.00	ug/L	0.08
28) Chlorobenzene-d5	9.44	117	59287	5.00	ug/L	0.02
60) 1,4-Dichlorobenzene-d4	11.81	152	25720	5.00	ug/L	0.00

## System Monitoring Compounds

4) Vinyl Chloride-d3	1.66	65	16176	3.68	ug/L	0.05
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.99	69	14638	3.89	ug/L	0.06
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.80%
11) 1,1-Dichloroethene-d2	2.64	63	27207	2.99	ug/L	0.06
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	4.80	46	59336	32.72	ug/L	0.14
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.44%
24) Chloroform-d	5.15	84	47244	4.96	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.81	65	27768	4.47	ug/L	0.09
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.83	84	81760	5.12	ug/L	0.09
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.77	67	30008	5.45	ug/L	0.07
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.94	98	65430	4.35	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	8.22	79	9716	4.10	ug/L	0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.67	63	48311	38.15	ug/L	0.04
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.30%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	23768	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	27069	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

## Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.66	62	86756	16.713	ug/L	88
13) Acetone	2.84	43	79131m	65.775	ug/L	
14) Carbon disulfide	2.87	76	9638	0.841	ug/L	98
15) Methyl Acetate	3.09	43	7191	2.877	ug/L	97
17) Methyl tert-butyl Ether	3.48	73	131310	12.322	ug/L	98
18) trans-1,2-Dichloroethene	3.44	96	9866	2.603	ug/L	90
19) 1,1-Dichloroethane	3.97	63	16434	1.939	ug/L	95
21) 2-Butanone	4.86	43	46293	25.345	ug/L	95
22) cis-1,2-Dichloroethene	4.75	96	438671	102.460	ug/L	91
30) Cyclohexane	5.47	56	742	0.124	ug/L #	29
33) Benzene	5.88	78	16743	1.042	ug/L	100
34) Trichloroethene	6.63	95	34584	7.965	ug/L	97
42) Toluene	8.01	91	3305	0.192	ug/L	95
52) Ethylbenzene	9.59	91	1041	0.057	ug/L	84
53) m,p-Xylene	9.71	106	539	0.081	ug/L	81

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Internal Standards R.T. QIon Response Conc Units Dev(Min)

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

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