

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112020\
 Data File : VU041371.D
 Acq On : 20 Nov 2020 16:51
 Operator : SY/MD
 Sample : L4849-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4406

Quant Time: Nov 21 05:32:00 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	6.26	114	55697	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	57514	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23354	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16263	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.92	69	16286	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.57	63	27647	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.64	46	78634	46.55	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.10%
24) Chloroform-d	5.08	84	45336	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.72	65	30394	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.74	84	83446	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.70	67	29768	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	7.91	98	68815	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	8.18	79	11326	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.64	63	52209	42.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.00%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24902	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	26933	5.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	94850	19.617	ug/L	100
12) 1,1-Dichloroethene	2.59	96	1191	0.328	ug/L	# 1
13) Acetone	2.64	43	1547	1.380	ug/L	86
17) Methyl tert-butyl Ether	3.38	73	37737	3.802	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	43453	12.306	ug/L	93
19) 1,1-Dichloroethane	3.89	63	5241	0.664	ug/L	100
22) cis-1,2-Dichloroethene	4.68	96	964034	241.736	ug/L	97
25) Chloroform	5.11	83	4133	0.483	ug/L	99
33) Benzene	5.79	78	5494	0.352	ug/L	100
34) Trichloroethene	6.55	95	123447	29.306	ug/L	98
47) Tetrachloroethene	8.56	164	527	0.169	ug/L	81

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

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