

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\U102020\
 Data File : VU040855.D
 Acq On : 20 Oct 2020 18:20
 Operator : SY/MD
 Sample : L4428-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 21 01:27:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 23:49:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119808	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124287	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51656	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	45665	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.92	69	37758	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.58	63	71151	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.66	46	182011	57.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.58%
24) Chloroform-d	5.08	84	84686	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.72	65	54199	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.74	84	158537	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.70	67	55459	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.91	98	128590	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.19	79	21436	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.64	63	134217	55.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48950	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	51847	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	3233	0.318	ug/L	88
5) Vinyl chloride	1.61	62	472805	44.226	ug/L	98
12) 1,1-Dichloroethene	2.59	96	8832	1.033	ug/L #	1
17) Methyl tert-butyl Ether	3.38	73	3196	0.132	ug/L #	84
18) trans-1,2-Dichloroethene	3.37	96	15260	1.705	ug/L	95
22) cis-1,2-Dichloroethene	4.69	96	3401577	352.496	ug/L	100
30) Cyclohexane	5.40	56	2114m	0.137	ug/L	
34) Trichloroethene	6.56	95	2278763	220.164	ug/L	95
35) Methylcyclohexane	6.77	83	2026	0.138	ug/L #	69
47) Tetrachloroethene	8.57	164	6413992	868.587	ug/L	90
52) Ethylbenzene	9.57	91	2085	0.047	ug/L	92
53) m,p-Xylene	9.70	106	1915	0.119	ug/L	98

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

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