

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071719\
 Data File : VU033283.D
 Acq On : 17 Jul 2019 12:02
 Operator : JC/SP
 Sample : K3772-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52L0

Quant Time: Jul 18 08:39:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 18 08:01:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	126203	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	131504	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	57067	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	53065	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.67	69	46863	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.26	63	96421	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.17	46	93533	39.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.10%
24) Chloroform-d	4.62	84	77428	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.29	65	46815	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.32	84	171599	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.31	67	56319	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.55	98	145793	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.83	79	21504	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.30	63	81675	42.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.16%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	44731	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	56250	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	94615	6.964	ug/L	100
12) 1,1-Dichloroethene	2.27	96	19771	1.907	ug/L #	37
13) Acetone	2.31	43	8451	4.030	ug/L	87
18) trans-1,2-Dichloroethene	2.96	96	3610	0.315	ug/L	91
19) 1,1-Dichloroethane	3.42	63	21287	1.237	ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	3688877	381.102	ug/L	92
25) Chloroform	4.65	83	11746	0.616	ug/L	98
29) 1,1,1-Trichloroethane	4.89	97	24799	1.633	ug/L	95
34) Trichloroethene	6.17	95	9718	0.986	ug/L	97
65) 1,2-Dichlorobenzene	11.86	146	3017	0.178	ug/L #	85

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

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