

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U091620\
 Data File : VU040163.D
 Acq On : 16 Sep 2020 21:54
 Operator : SY/MD
 Sample : L4046-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0N9

Quant Time: Sep 17 02:56:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 17 02:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110900	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	108804	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51495	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26996	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.92	69	25331	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.58	63	47056	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.66	46	82381	34.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.04%
24) Chloroform-d	5.09	84	63339	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.72	65	39067	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.75	84	115330	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.71	67	38177	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.91	98	94885	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	8.19	79	16005	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.64	63	82719	45.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.80%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	34776	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	41719	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	16923	2.636	ug/L	97
14) Carbon disulfide	2.82	76	3825	0.139	ug/L	96
16) Methylene chloride	3.06	84	1856	0.165	ug/L #	69
17) Methyl tert-butyl Ether	3.38	73	14876	0.575	ug/L #	33
18) trans-1,2-Dichloroethene	3.37	96	1498	0.162	ug/L	91
19) 1,1-Dichloroethane	3.89	63	6382	0.336	ug/L	95
30) Cyclohexane	5.41	56	22636	1.366	ug/L	99
33) Benzene	5.80	78	15167738	389.677	ug/L	100
35) Methylcyclohexane	6.77	83	11423	0.714	ug/L	99
42) Toluene	7.98	91	59195	1.477	ug/L	99
51) Chlorobenzene	9.45	112	4899401	196.863	ug/L	98
52) Ethylbenzene	9.57	91	235477	5.170	ug/L	98
53) m,p-Xylene	9.69	106	483540	29.819	ug/L	99
54) o-Xylene	10.10	106	131625	8.518	ug/L	98
56) Isopropylbenzene	10.48	105	946379	22.457	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	7588	0.403	ug/L	95
63) 1,4-Dichlorobenzene	11.83	146	97712	5.131	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,2-Dichlorobenzene	12.20	146	72208	3.965	ug/L	97

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

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