

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070920\
 Data File : VU039416.D
 Acq On : 10 Jul 2020 00:20
 Operator : SY/MD
 Sample : L3261-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE503

Quant Time: Jul 10 02:37:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 10 02:02:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	100071	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	97602	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58818	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25016	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.92	69	27800	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.58	63	39103	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.66	46	157653	59.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.82%
24) Chloroform-d	5.09	84	64622	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.72	65	43341	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
32) Benzene-d6	5.75	84	126085	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.71	67	43483	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.91	98	108183	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
43) trans-1,3-Dichloropropene-	8.19	79	20362	5.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.80%
46) 2-Hexanone-d5	8.64	63	131320	60.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.46%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	51936	6.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	127.00%#
64) 1,2-Dichlorobenzene-d4	12.19	152	57972	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	11088	1.359	ug/L	99
8) Chloroethane	1.94	64	50093	8.497	ug/L	95
13) Acetone	2.67	43	37526	26.197	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	6783	0.362	ug/L #	1
18) trans-1,2-Dichloroethene	3.37	96	797	0.121	ug/L	77
19) 1,1-Dichloroethane	3.89	63	12763	0.990	ug/L	98
21) 2-Butanone	4.74	43	14322	5.602	ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	86585	11.720	ug/L	98
25) Chloroform	5.11	83	6359	0.488	ug/L	94
30) Cyclohexane	5.40	56	5721	0.473	ug/L	97
33) Benzene	5.80	78	6319078	216.553	ug/L	100
35) Methylcyclohexane	6.77	83	5138	0.425	ug/L #	85
40) 4-Methyl-2-pentanone	7.81	43	26643	4.015	ug/L	99
42) Toluene	7.98	91	12352325	395.309	ug/L	96
51) Chlorobenzene	9.45	112	902515	47.267	ug/L	99
52) Ethylbenzene	9.57	91	1536733	44.500	ug/L	100
53) m,p-Xylene	9.70	106	1809951	139.101	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	10.10	106	550484	43.457	ug/L	100
56) Isopropylbenzene	10.48	105	267539	7.809	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	9312	0.505	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	55564	3.005	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	70929	3.839	ug/L	98

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

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