

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101720\
 Data File : VU040780.D
 Acq On : 17 Oct 2020 22:46
 Operator : SY/MD
 Sample : L4447-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ56

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 4:04:48 PM

Quant Time: Oct 19 04:55:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 19 03:08:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	130674	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126732	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52154	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	151085	13.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	279.00%#
7) Chloroethane-d5	1.92	69	35220	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.59	63	103944	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.20%
20) 2-Butanone-d5	4.70	46	201963	58.29	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.58%
24) Chloroform-d	5.09	84	85941	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.72	65	54107	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.74	84	151010	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.70	67	54439	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.91	98	113138	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	8.19	79	19273	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.64	63	117718	47.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.04%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50247	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	47571	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.60	62	12693893	1088.652	ug/L #	74
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2401	0.221	ug/L #	76
12) 1,1-Dichloroethene	2.60	96	84519	9.065	ug/L #	86
14) Carbon disulfide	2.82	76	65835	2.522	ug/L #	95
17) Methyl tert-butyl Ether	3.38	73	8860	0.336	ug/L #	86
18) trans-1,2-Dichloroethene	3.38	96	401916	41.180	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	30701277m	2916.938	ug/L	
30) Cyclohexane	5.40	56	2176	0.139	ug/L #	93
33) Benzene	5.79	78	2370	0.058	ug/L	100
34) Trichloroethene	6.55	95	17127	1.623	ug/L	95
42) Toluene	7.97	91	7289	0.176	ug/L	88
47) Tetrachloroethene	8.56	164	7144	0.949	ug/L	92
52) Ethylbenzene	9.57	91	2002	0.045	ug/L	92
53) m,p-Xylene	9.69	106	2182	0.133	ug/L	89
65) 1,2-Dichlorobenzene	12.21	146	1053	0.063	ug/L #	84

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

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