

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052919\
 Data File : VU032353.D
 Acq On : 29 May 2019 12:01
 Operator : JC/SP
 Sample : K3045-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C46

Manual Integrations
 APPROVED

MMDadoda
 5/30/2019 10:55:16 AM

Quant Time: May 30 06:49:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 30 05:34:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	383053	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	389127	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	203007	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	126563	5.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.60%
7) Chloroethane-d5	1.68	69	108375	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.27	63	179490	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	4.19	46	300059	49.45	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.90%
24) Chloroform-d	4.64	84	230788	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.31	65	115884	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
32) Benzene-d6	5.33	84	500488	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.32	67	146841	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.80%
41) Toluene-d8	7.56	98	492699	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.85	79	55000	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.31	63	246432	47.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118652	3.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	66.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	194910	3.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	69.60%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.33	50	3633	0.221	ug/L	87
14) Carbon disulfide	2.48	76	7773m	0.184	ug/L	
30) Cyclohexane	4.98	56	44642m	2.364	ug/L	
33) Benzene	5.38	78	1051166	19.970	ug/L	100
42) Toluene	7.64	91	8510	0.152	ug/L	97
52) Ethylbenzene	9.24	91	1287885	22.876	ug/L	98
53) m,p-Xylene	9.38	106	30009	1.433	ug/L	97
56) Isopropylbenzene	10.16	105	324571	6.137	ug/L	99

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

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