

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
 Data File : VU032354.D
 Acq On : 29 May 2019 12:26
 Operator : JC/SP
 Sample : K3045-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C47

Manual Integrations
 APPROVED

MMDadoda
 5/30/2019 10:55:21 AM

Quant Time: May 30 07:09:33 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	406019	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	408564	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	210890	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	132459	5.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.20%
7) Chloroethane-d5	1.68	69	113009	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.27	63	190983	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.80%
20) 2-Butanone-d5	4.19	46	326108	50.70	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.40%
24) Chloroform-d	4.64	84	244490	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.31	65	122091	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
32) Benzene-d6	5.33	84	531603	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.33	67	157381	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.60%
41) Toluene-d8	7.56	98	510452	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.85	79	57238	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.31	63	269131	49.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	128593	3.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	209321	3.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.00%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.33	50	4314	0.248	ug/L	98
14) Carbon disulfide	2.47	76	7265	0.162	ug/L #	92
30) Cyclohexane	4.98	56	44619m	2.251	ug/L	
33) Benzene	5.38	78	1091784	19.755	ug/L	100
42) Toluene	7.64	91	8308	0.141	ug/L	94
52) Ethylbenzene	9.24	91	1290010	21.824	ug/L	98
53) m,p-Xylene	9.38	106	26616	1.211	ug/L	86
56) Isopropylbenzene	10.16	105	334683	6.027	ug/L	99

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

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