

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR022519\
 Data File : VR026380.D
 Acq On : 25 Feb 2019 17:55
 Operator : SY/MD
 Sample : K1589-05
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C09M6

Quant Time: Feb 26 22:17:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 26 06:18:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	579172	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	486043	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	155993	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	178267	3.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.00%
7) Chloroethane-d5	2.63	69	162816	3.50	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.00%
11) 1,1-Dichloroethene-d2	3.60	63	369019	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	6.58	46	246422	59.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.18%
24) Chloroform-d	7.20	84	394663	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	7.89	65	172445	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	7.85	84	705427	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
36) 1,2-Dichloropropane-d6	8.89	67	200184	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	9.97	98	615415	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
43) trans-1,3-Dichloropropene-	10.23	79	45238	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
46) 2-Hexanone-d5	10.59	63	191299	62.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.08%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	76864	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	128840	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	3.62	96	32654	0.645	ug/L #	1
13) Acetone	3.69	43	25001	6.720	ug/L	97
19) 1,1-Dichloroethane	5.68	63	12932	0.153	ug/L #	77
22) cis-1,2-Dichloroethene	6.67	96	106700	2.753	ug/L #	86
25) Chloroform	7.23	83	73633	0.908	ug/L	93
29) 1,1,1-Trichloroethane	7.43	97	21429	0.304	ug/L	98
31) Carbon tetrachloride	7.64	117	144628	2.209	ug/L	99
34) Trichloroethene	8.71	95	222327	4.732	ug/L	95
47) Tetrachloroethene	10.51	164	5150	0.151	ug/L	95

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

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