

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
 Data File : VV013222.D
 Acq On : 19 Oct 2019 00:25
 Operator : SY/MD
 Sample : K5404-04
 Misc : 25.00ML/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB2

Manual Integrations
 APPROVED

MMDadoda
 11/1/2019 8:08:19 AM

Quant Time: Nov 01 04:16:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 01 04:09:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	439009	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	484981	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	232733	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	188885	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.58	69	161205	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.13	63	216194	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.97	46	434651	46.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.72%
24) Chloroform-d	4.40	84	397601	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.08	65	193860	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.09	84	772240	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.12	67	244509	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.36	98	625999	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.00%
43) trans-1,3-Dichloropropene-	7.66	79	71775	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.14	63	301353	38.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	171474	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	239394	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	6121	0.116 ug/L	95
13) Acetone	2.23	43	11797	2.597 ug/L	77
17) Methyl tert-butyl Ether	2.80	73	20907	0.221 ug/L #	91
27) 1,2-Dichloroethane	5.18	62	49204	1.020 ug/L	98
33) Benzene	5.15	78	76705m	0.393 ug/L	
42) Toluene	7.43	91	109395	0.545 ug/L	100
47) Tetrachloroethene	8.02	164	11520	0.260 ug/L	95
52) Ethylbenzene	9.05	91	16989	0.081 ug/L	96
53) m,p-xylene	9.18	106	21824	0.276 ug/L	90
54) o-xylene	9.59	106	10543	0.137 ug/L	98

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

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