

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007427.D
 Acq On : 06 Sep 2018 18:17
 Operator : SY/MD
 Sample : J4719-07
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGE3

Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 1:12:41 PM

Quant Time: Sep 07 02:10:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 01:29:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	545331	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	532475	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	204890	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	169521	43.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.04%
7) Chloroethane-d5	1.56	69	129126m	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.22%
11) 1,1-Dichloroethene-d2	2.13	63	220652	32.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.32%
21) 2-Butanone-d5	3.96	46	218115	68.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	68.84%
24) Chloroform-d	4.41	84	327667	40.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.34%
26) 1,2-Dichloroethane-d4	5.09	65	206960	42.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.16%
32) Benzene-d6	5.10	84	655575	40.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.70%
36) 1,2-Dichloropropane-d6	6.12	67	221033	41.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.20%
41) Toluene-d8	7.36	98	541636	39.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.42%#
43) trans-1,3-Dichloropropene-	7.67	79	87339	38.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.26%
47) 2-Hexanone-d5	8.14	63	141378	67.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.06%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	297861	40.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.10%
64) 1,2-Dichlorobenzene-d4	11.68	152	201547	45.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.54%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.26	50	95133	20.72	ug/L	100
6) Bromomethane	1.51	94	10903	4.86	ug/L	97
13) Acetone	2.20	43	76772	40.69	ug/L	99
14) Carbon disulfide	2.31	76	110973	11.36	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	32914	7.60	ug/L	99
22) 2-Butanone	4.04	43	29646	9.38	ug/L	97
33) Benzene	5.15	78	125882	7.39	ug/L	100
34) Trichloroethene	5.96	95	13054	3.14	ug/L	97
46) Tetrachloroethene	8.02	164	18606	5.57	ug/L	95

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

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