

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032519\
 Data File : VV009865.D
 Acq On : 25 Mar 2019 17:08
 Operator : SY/MD
 Sample : K2016-15 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C09D5

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 11:05:47 AM

Quant Time: Mar 26 07:34:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:13:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	174528	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	174824	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74251	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83748	47.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.00%
7) Chloroethane-d5	1.56	69	95042	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.13	63	182685	34.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.56%
21) 2-Butanone-d5	3.93	46	75317	94.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.69%
24) Chloroform-d	4.40	84	111292	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.82%
26) 1,2-Dichloroethane-d4	5.08	65	76604	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
32) Benzene-d6	5.10	84	235464	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
36) 1,2-Dichloropropane-d6	6.12	67	73797	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.82%
41) Toluene-d8	7.36	98	209611	45.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.22%
43) trans-1,3-Dichloropropene-	7.66	79	27321	40.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.72%
47) 2-Hexanone-d5	8.14	63	55553	92.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	98921	41.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.28%
64) 1,2-Dichlorobenzene-d4	11.68	152	81011	47.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.18%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
33) Benzene	5.15	78	11218m	2.198	ug/L	
51) Chlorobenzene	8.93	112	30795	7.964	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	20313	7.986	ug/L	90
63) 1,4-Dichlorobenzene	11.32	146	324400	121.649	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	94314	35.100	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	10139	7.333	ug/L	93
70) 1,2,3-Trichlorobenzene	13.80	180	2054	1.469	ug/L	91

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

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