

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032519\
 Data File : VV009875.D
 Acq On : 25 Mar 2019 21:10
 Operator : SY/MD
 Sample : K2016-10DL 400X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0987DL

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 11:09:55 AM

Quant Time: Mar 26 08:21:42 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	177182	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177653	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73985	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88043	48.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.34%
7) Chloroethane-d5	1.56	69	98172	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.46%
11) 1,1-Dichloroethene-d2	2.13	63	188788	35.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.80%
21) 2-Butanone-d5	3.93	46	80653	99.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.88%
24) Chloroform-d	4.40	84	114071	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.68%
26) 1,2-Dichloroethane-d4	5.08	65	79795	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
32) Benzene-d6	5.10	84	244556	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.44%
36) 1,2-Dichloropropane-d6	6.12	67	74996	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.84%
41) Toluene-d8	7.36	98	227000	48.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.14%
43) trans-1,3-Dichloropropene-	7.66	79	29239	43.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.06%
47) 2-Hexanone-d5	8.13	63	58993	96.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.75%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	103173	42.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.48%
64) 1,2-Dichlorobenzene-d4	11.68	152	82899	48.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.74%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.42	83	5196m	2.070	ug/L	
33) Benzene	5.15	78	135711	26.166	ug/L	100
51) Chlorobenzene	8.93	112	506290	128.851	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	13649	5.386	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	130951	49.283	ug/L	94
65) 1,2-Dichlorobenzene	11.69	146	171799	64.167	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	13445	9.759	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	3900	2.798	ug/L	93

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

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