

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016742.D
 Acq On : 10 Jun 2020 01:09
 Operator : SY/MD
 Sample : L2914-07 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E02

Manual Integrations
 APPROVED

MMDadoda
 6/10/2020 3:52:40 PM

Quant Time: Jun 10 05:47:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 03:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	371700	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	350286	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	172950	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	87050	33.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.38%
7) Chloroethane-d5	1.56	69	68783	43.71	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.42%
11) 1,1-Dichloroethene-d2	2.11	63	127536	28.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.92%#
21) 2-Butanone-d5	3.89	46	185745	95.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.68%
24) Chloroform-d	4.37	84	219221	41.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.22%
26) 1,2-Dichloroethane-d4	5.05	65	164123	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.48%
32) Benzene-d6	5.07	84	434353	43.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.04%
36) 1,2-Dichloropropane-d6	6.09	67	137698	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.50%
41) Toluene-d8	7.34	98	387658	41.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.68%
43) trans-1,3-Dichloropropene-	7.64	79	63091	38.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.98%
47) 2-Hexanone-d5	8.11	63	123198	89.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190795	45.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	173235	46.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.40	83	9086m	1.867	ug/L	
29) Cyclohexane	4.70	56	2638m	0.606	ug/L	
33) Benzene	5.12	78	327843	31.633	ug/L	100
42) Toluene	7.42	91	8143	0.745	ug/L	92
53) m,p-Xylene	9.16	106	4756	1.056	ug/L	90

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

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