

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030920\
 Data File : VV014780.D
 Acq On : 09 Mar 2020 16:36
 Operator : SY/MD
 Sample : L1834-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL2

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 9:41:27 AM

Quant Time: Mar 11 04:15:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 10 14:44:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	436521	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	443683	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	253106	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	124097	42.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.02%
7) Chloroethane-d5	1.58	69	102218	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.54%
11) 1,1-Dichloroethene-d2	2.12	63	164963	33.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.22%
21) 2-Butanone-d5	3.94	46	197806	89.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.78%
24) Chloroform-d	4.38	84	312684	55.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	5.06	65	176254	46.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.78%
32) Benzene-d6	5.08	84	558539	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
36) 1,2-Dichloropropane-d6	6.10	67	169398	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.26%
41) Toluene-d8	7.34	98	523321	45.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.22%
43) trans-1,3-Dichloropropene-	7.64	79	84403	44.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.04%
47) 2-Hexanone-d5	8.12	63	161848	93.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.88%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	234993	44.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.66	152	243352	48.51	ug/L	0.01
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%

Target Compounds

					Ovalue
13) Acetone	2.22	43	7873	4.280 ug/L	50
16) Methylene chloride	2.52	84	2406m	0.747 ug/L	
25) Chloroform	4.41	83	1170068	197.391 ug/L	100
31) Carbon tetrachloride	4.86	117	56969	13.040 ug/L	100
33) Benzene	5.12	78	27651430m	2151.246 ug/L	
34) Trichloroethene	5.95	95	4581	1.364 ug/L	93
38) Bromodichloromethane	6.53	83	8457	1.914 ug/L	98
46) Tetrachloroethene	8.00	164	2211	0.804 ug/L	78
51) Chlorobenzene	8.90	112	21748479m	2383.667 ug/L	
62) 1,3-Dichlorobenzene	11.21	146	6063484	740.823 ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	18023247m	2185.676 ug/L	
65) 1,2-Dichlorobenzene	11.67	146	20793587m	2551.779 ug/L	
67) 1,3,5-Trichlorobenzene	12.67	180	2827	0.447 ug/L	94
68) 1,2,4-trichlorobenzene	13.29	180	4678831	804.174 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	2077384	358.212 ug/L	100

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

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