

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018444.D
 Acq On : 25 Sep 2020 10:38
 Operator : SY/MD
 Sample : L4109-11
 Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X1

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:00:17 PM

Quant Time: Sep 25 23:58:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 23:36:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	1572025	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	1532228	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	790047	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58456	4.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	9.12%#
7) Chloroethane-d5	1.58	69	50785	4.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	9.68%#
11) 1,1-Dichloroethene-d2	2.10	63	88540	3.77	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	7.54%#
21) 2-Butanone-d5	3.94	46	79103	10.09	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	10.09%#
24) Chloroform-d	4.38	84	133494	6.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	12.02%#
26) 1,2-Dichloroethane-d4	5.06	65	88596	6.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	12.44%#
32) Benzene-d6	5.07	84	275547	6.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	12.56%#
36) 1,2-Dichloropropane-d6	6.09	67	93100	6.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	13.36%#
41) Toluene-d8	7.34	98	269337	6.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	13.48%#
43) trans-1,3-Dichloropropene-	7.65	79	44419	6.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	12.54%#
47) 2-Hexanone-d5	8.15	63	82724m	15.67	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	15.67%#
57) 1,1,2,2-Tetrachloroethane-	10.25	84	138233	7.90	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	15.80%#
64) 1,2-Dichlorobenzene-d4	11.65	152	121175	7.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	14.94%#

Target Compounds

					Ovalue
29) Cyclohexane	4.70	56	40733	2.302	ug/L 99
30) 1,1,1-Trichloroethane	4.63	97	62018	3.488	ug/L 99
42) Toluene	7.41	91	1222250	26.364	ug/L 99
52) Ethylbenzene	9.04	91	532931	10.529	ug/L 98
53) m,p-Xylene	9.16	106	909070	48.119	ug/L 94
54) o-xylene	9.57	106	374622	20.583	ug/L 100
56) Isopropylbenzene	9.95	105	514803	10.495	ug/L 99
65) 1,2-Dichlorobenzene	11.67	146	35015	1.475	ug/L # 85
68) 1,2,4-trichlorobenzene	13.29	180	26919	1.632	ug/L # 65

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

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