

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018431.D
 Acq On : 24 Sep 2020 15:59
 Operator : SY/MD
 Sample : L4109-10
 Misc : 6.37g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X0

Manual Integrations
 APPROVED

MMDadoda
 9/30/2020 3:43:15 PM

Quant Time: Sep 25 06:21:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 04:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	367976	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	359747	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	196826	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	86357	28.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.60%#
7) Chloroethane-d5	1.58	69	73016	29.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	59.52%#
11) 1,1-Dichloroethene-d2	2.10	63	130347	23.70	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.40%#
21) 2-Butanone-d5	3.93	46	101325m	55.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	55.20%
24) Chloroform-d	4.37	84	182582	35.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.18%
26) 1,2-Dichloroethane-d4	5.05	65	121172	36.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.66%
32) Benzene-d6	5.07	84	378084	36.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.42%
36) 1,2-Dichloropropane-d6	6.09	67	124510	38.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.10%
41) Toluene-d8	7.34	98	361839	38.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.10%#
43) trans-1,3-Dichloropropene-	7.65	79	62300	37.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.94%
47) 2-Hexanone-d5	8.14	63	109015	87.95	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.95%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	178661	43.50	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	166858	41.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
19) 1,1-Dichloroethane	3.21	63	8450	1.795	ug/L	92
20) cis-1,2-Dichloroethene	3.93	96	62241	23.383	ug/L	96
29) Cyclohexane	4.69	56	481352	115.873	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	499785	119.709	ug/L	99
34) Trichloroethene	5.94	95	5135	1.833	ug/L	97
35) Methylcyclohexane	6.15	83	18566	4.401	ug/L	97
42) Toluene	7.41	91	8333592	765.609	ug/L	95
46) Tetrachloroethene	8.00	164	2037	0.927	ug/L	93
51) Chlorobenzene	8.91	112	25399	3.593	ug/L	97
52) Ethylbenzene	9.04	91	2344280	197.269	ug/L	99
53) m,p-Xylene	9.16	106	3729339	840.768	ug/L	89
54) o-xylene	9.57	106	1597691	373.883	ug/L	96
56) Isopropylbenzene	9.95	105	1983930	172.265	ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	23394	3.997	ug/L #	66
63) 1,4-Dichlorobenzene	11.30	146	25368	4.217	ug/L #	75
65) 1,2-Dichlorobenzene	11.67	146	150137	25.379	ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	19048	4.636	ug/L #	63

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,3-Trichlorobenzene	13.77	180	12159	3.005	ug/L #	52

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

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