

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018432.D
 Acq On : 24 Sep 2020 16:21
 Operator : SY/MD
 Sample : L4109-14
 Misc : 6.20g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X6

Quant Time: Sep 25 06:40:18 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	437247	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	432242	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	230265	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	118057	33.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.26%
7) Chloroethane-d5	1.58	69	97649	33.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.98%#
11) 1,1-Dichloroethene-d2	2.10	63	181303	27.74	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.48%#
21) 2-Butanone-d5	3.93	46	145208	66.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	66.58%
24) Chloroform-d	4.37	84	260772	42.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.36%
26) 1,2-Dichloroethane-d4	5.05	65	175923	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.78%
32) Benzene-d6	5.07	84	543171	43.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.09	67	179669	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.40%
41) Toluene-d8	7.34	98	524229	46.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.98%
43) trans-1,3-Dichloropropene-	7.65	79	92675	46.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.78%
47) 2-Hexanone-d5	8.14	63	167780	112.66	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.66%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	254533	51.58	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	235952	49.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.78%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
19) 1,1-Dichloroethane	3.21	63	7176	1.283	ug/L	97
20) cis-1,2-Dichloroethene	3.93	96	98685	31.202	ug/L	99
29) Cyclohexane	4.69	56	464846	93.132	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	657896	131.151	ug/L	99
34) Trichloroethene	5.94	95	56771	16.863	ug/L	98
35) Methylcyclohexane	6.15	83	14183	2.798	ug/L	86
42) Toluene	7.41	91	11936649	912.698	ug/L	91
46) Tetrachloroethene	8.00	164	20222	7.661	ug/L	99
51) Chlorobenzene	8.91	112	20961	2.468	ug/L	97
52) Ethylbenzene	9.04	91	2548223	178.466	ug/L	99
53) m,p-Xylene	9.16	106	4083649	766.237	ug/L	89
54) o-xylene	9.57	106	1812206	352.956	ug/L	96
56) Isopropylbenzene	9.96	105	2296601	165.969	ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	21944	3.205	ug/L #	67
63) 1,4-Dichlorobenzene	11.30	146	25651	3.645	ug/L #	73
65) 1,2-Dichlorobenzene	11.67	146	155008	22.397	ug/L	95
68) 1,2,4-trichlorobenzene	13.29	180	22075	4.592	ug/L #	69

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,3-Trichlorobenzene	13.77	180	13981	2.953	ug/L #	83

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

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