

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018448.D
 Acq On : 25 Sep 2020 12:23
 Operator : SY/MD
 Sample : L4109-17
 Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y1

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:00:26 PM

Quant Time: Sep 26 00:52:31 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	410355	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	400427	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	199998	50.00	ug/L	0.02

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96785	28.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.88%#
7) Chloroethane-d5	1.58	69	83307	30.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.88%#
11) 1,1-Dichloroethene-d2	2.10	63	122380	19.95	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	39.90%#
21) 2-Butanone-d5	3.94	46	110261m	53.87	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	53.87%
24) Chloroform-d	4.38	84	211282	36.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.82%
26) 1,2-Dichloroethane-d4	5.06	65	141148	37.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.90%
32) Benzene-d6	5.07	84	444687	38.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.58%
36) 1,2-Dichloropropane-d6	6.10	67	146789	40.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.60%
41) Toluene-d8	7.34	98	423625	40.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.10%
43) trans-1,3-Dichloropropene-	7.65	79	73612	39.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.54%
47) 2-Hexanone-d5	8.16	63	140332	101.71	ug/L	0.05
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.71%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	212698	46.53	ug/L	0.04
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.06%
64) 1,2-Dichlorobenzene-d4	11.66	152	181497	44.19	ug/L	0.01
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.38%

Target Compounds

					Ovalue
19) 1,1-Dichloroethane	3.21	63	7870	1.499 ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	14299	4.817 ug/L	96
29) Cyclohexane	4.69	56	178650	38.636 ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	337541	72.635 ug/L	99
35) Methylcyclohexane	6.15	83	15029	3.201 ug/L	92
42) Toluene	7.41	91	20241334m	1670.658 ug/L	
46) Tetrachloroethene	8.00	164	22749	9.303 ug/L	97
51) Chlorobenzene	8.91	112	60347	7.670 ug/L	97
52) Ethylbenzene	9.04	91	6283094	475.003 ug/L	97
53) m,p-Xylene	9.17	106	10944024m	2216.641 ug/L	
54) o-xylene	9.58	106	6129285	1288.623 ug/L	84
55) Styrene	9.58	104	311420	37.669 ug/L	# 1
56) Isopropylbenzene	9.96	105	7119948	555.419 ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	14901	2.506 ug/L	# 24
63) 1,4-Dichlorobenzene	11.31	146	36078	5.902 ug/L	# 71
65) 1,2-Dichlorobenzene	11.68	146	327322	54.452 ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	40317	9.657 ug/L	# 59

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,3-Trichlorobenzene	13.77	180	12776	3.107	ug/L #	38

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

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