

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
 Data File : VV018572.D
 Acq On : 30 Sep 2020 16:16
 Operator : SY/MD
 Sample : L4171-14
 Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y4

Quant Time: Oct 08 09:35:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 07:39:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	318594	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	315022	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	176011	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	100565	53.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.64%
7) Chloroethane-d5	1.58	69	91224	59.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.10%
11) 1,1-Dichloroethene-d2	2.10	63	164431	43.19	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.38%
21) 2-Butanone-d5	3.93	46	170253	122.16	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.16%
24) Chloroform-d	4.37	84	245227	60.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.38%
26) 1,2-Dichloroethane-d4	5.05	65	173222	67.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	135.06%#
32) Benzene-d6	5.07	84	495712	62.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	124.24%
36) 1,2-Dichloropropane-d6	6.09	67	161661	67.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	134.10%#
41) Toluene-d8	7.34	98	473427	63.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	126.14%#
43) trans-1,3-Dichloropropene-	7.65	79	82942	63.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	127.36%#
47) 2-Hexanone-d5	8.15	63	143474	156.67	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	156.67%#
57) 1,1,2,2-Tetrachloroethane-	10.25	84	223081	69.79	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	139.58%#
64) 1,2-Dichlorobenzene-d4	11.65	152	223584	66.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	132.10%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	4.69	56	340289	94.711	ug/L	98
35) Methylcyclohexane	6.14	83	9332	2.575	ug/L	91
42) Toluene	7.41	91	24086	2.406	ug/L	97
52) Ethylbenzene	9.04	91	586502	52.455	ug/L	100
53) m,p-Xylene	9.16	106	1197240	277.073	ug/L	100
54) o-xylene	9.57	106	304090	74.332	ug/L	100
56) Isopropylbenzene	9.95	105	2155919	196.499	ug/L	100
62) 1,3-Dichlorobenzene	11.21	146	18387	3.228	ug/L #	87
63) 1,4-Dichlorobenzene	11.30	146	11087	1.890	ug/L #	80
65) 1,2-Dichlorobenzene	11.67	146	68361	12.131	ug/L	96
68) 1,2,4-trichlorobenzene	13.29	180	747509	203.588	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	231858	62.905	ug/L	97

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

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