Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV011420\
Data File : VV014291.D
Acq On : 14 Jan 2020 12:05
Operator : SY/MD
Sample : L1109-24
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GASJ3

Manual Integrations APPROVED
MMDadoda
1/15/2020 12:28:30 PM

Quant Time: Jan 15 11:05:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 14 22:19:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1013060	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	930910	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	436813	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	281792	3.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.60%			
7) Chloroethane-d5	1.58	69	230108	4.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.00%			
11) 1,1-Dichloroethene-d2	2.13	63	420591	4.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.40%			
20) 2-Butanone-d5	3.96	46	724736	42.56	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.12%			
24) Chloroform-d	4.40	84	593336	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.60%			
26) 1,2-Dichloroethane-d4	5.08	65	288314	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.00%			
32) Benzene-d6	5.09	84	1249165	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
36) 1,2-Dichloropropane-d6	6.11	67	395018	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.80%			
41) Toluene-d8	7.35	98	1143413	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
43) trans-1,3-Dichloropropene-	7.66	79	158851	4.17	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.40%			
46) 2-Hexanone-d5	8.13	63	650783	40.34	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.68%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	252609	4.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	359175	4.38	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.60%			
Target Compounds						Qvalue
3) Chloromethane	1.26	50	274437	3.615	ug/L	99
6) Bromomethane	1.54	94	146594	3.644	ug/L	98
9) Trichlorofluoromethane	1.77	101	617563	7.378	ug/L	100
12) 1,1-Dichloroethene	2.14	96	158961	3.512	ug/L #	86
13) Acetone	2.23	43	697867m	59.515	ug/L	
14) Carbon disulfide	2.32	76	1010944	5.034	ug/L	98
16) Methylene chloride	2.53	84	169722	2.304	ug/L	95
17) Methyl tert-butyl Ether	2.80	73	1305362	7.793	ug/L	99
19) 1,1-Dichloroethane	3.23	63	1126411	8.447	ug/L	98
21) 2-Butanone	4.04	43	2037702	115.851	ug/L	100
27) 1,2-Dichloroethane	5.18	62	499594	6.541	ug/L #	94
29) 1,1,1-Trichloroethane	4.65	97	907595	8.190	ug/L	99
30) Cyclohexane	4.72	56	1377733	11.260	ug/L	97
34) Trichloroethene	5.96	95	361716	4.910	ug/L	98
35) Methylcyclohexane	6.17	83	786957	6.533	ug/L	96
37) 1,2-Dichloropropane	6.22	63	141758	1.959	ug/L	100
42) Toluene	7.42	91	2420120	7.997	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) Tetrachloroethene	8.01	164	411303	8.172	ug/L		98
48) 2-Hexanone	8.18	43	1750266	55.473	ug/L		97
50) 1,2-Dibromoethane	8.39	107	622644	13.909	ug/L	#	95
51) Chlorobenzene	8.92	112	1836424	9.867	ug/L		99
52) Ethylbenzene	9.05	91	2046753	6.046	ug/L		99
53) m,p-xylene	9.18	106	1537652	12.311	ug/L		99
54) o-xylene	9.58	106	621817	5.063	ug/L		98
55) Styrene	9.60	104	1031731	4.959	ug/L		97
56) Isopropylbenzene	9.97	105	1054759	3.292	ug/L		99
61) Bromoform	9.77	173	133361	4.504	ug/L		100
63) 1,4-Dichlorobenzene	11.31	146	555964	4.094	ug/L		99
65) 1,2-Dichlorobenzene	11.68	146	1371510	11.121	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.47	75	36629	3.231	ug/L		92
70) 1,2,3-Trichlorobenzene	13.79	180	737865	9.627	ug/L		99

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

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