Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV011420\
Data File : VV014295.D
Acq On : 14 Jan 2020 14:41
Operator : SY/MD
Sample : L1101-06DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GASC8DL

Quant Time: Jan 14 23:00:45 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	930821	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	837956	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	395626	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	293517	4.51	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.20%			
7) Chloroethane-d5	1.58	69	133012	2.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 52.80%#			
11) 1,1-Dichloroethene-d2	2.13	63	364349	3.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.80%			
20) 2-Butanone-d5	3.95	46	776557	49.64	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.28%			
24) Chloroform-d	4.40	84	599428	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.08	65	303878	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.10	84	1293701	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.40%			
36) 1,2-Dichloropropane-d6	6.11	67	410022	5.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.80%			
41) Toluene-d8	7.36	98	1185565	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
43) trans-1,3-Dichloropropene-	7.66	79	169446	4.94	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.80%			
46) 2-Hexanone-d5	8.13	63	719081	49.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.04%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	278308	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	383905	5.17	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.40%			
Target Compounds						Qvalue
13) Acetone	2.21	43	29810	2.767	ug/L	96
14) Carbon disulfide	2.32	76	13979	0.076	ug/L #	91
16) Methylene chloride	2.53	84	39325	0.581	ug/L	90
17) Methyl tert-butyl Ether	2.81	73	18199	0.118	ug/L #	81
19) 1,1-Dichloroethane	3.23	63	13734	0.112	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	14803	0.216	ug/L #	87
25) Chloroform	4.42	83	46721	0.398	ug/L	96
27) 1,2-Dichloroethane	5.18	62	8552	0.122	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	11942	0.120	ug/L #	88
30) Cyclohexane	4.72	56	12322	0.112	ug/L #	74
31) Carbon tetrachloride	4.87	117	10285	0.120	ug/L	98
33) Benzene	5.14	78	31212	0.121	ug/L	100
34) Trichloroethene	5.96	95	461942	6.966	ug/L	98
35) Methylcyclohexane	6.17	83	12968	0.120	ug/L	93
38) Bromodichloromethane	6.55	83	13982	0.166	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	16119	0.153	ug/L	89
42) Toluene	7.43	91	48392	0.178	ug/L	99

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) trans-1,3-Dichloropropene	7.69	75	12909	0.159	ug/L		96
45) 1,1,2-Trichloroethane	7.88	97	7226	0.174	ug/L		89
47) Tetrachloroethene	8.02	164	6814	0.150	ug/L		89
49) Dibromochloromethane	8.29	129	9044	0.172	ug/L		92
50) 1,2-Dibromoethane	8.39	107	6373	0.158	ug/L	#	93
51) Chlorobenzene	8.92	112	33012	0.197	ug/L		93
52) Ethylbenzene	9.05	91	65632	0.215	ug/L		94
53) m,p-xylene	9.18	106	23643	0.210	ug/L		97
54) o-xylene	9.59	106	26070	0.236	ug/L		87
55) Styrene	9.60	104	33946	0.181	ug/L		95
56) Isopropylbenzene	9.97	105	50094	0.174	ug/L		97
58) 1,1,2,2-Tetrachloroethane	10.28	83	10382	0.202	ug/L	#	95
61) Bromoform	9.77	173	4224	0.158	ug/L	#	80
62) 1,3-Dichlorobenzene	11.22	146	23760	0.192	ug/L		96
63) 1,4-Dichlorobenzene	11.32	146	25828	0.210	ug/L		96
65) 1,2-Dichlorobenzene	11.68	146	23441	0.210	ug/L		90
68) 1,2,4-trichlorobenzene	13.31	180	14600	0.185	ug/L		92
70) 1,2,3-Trichlorobenzene	13.79	180	13659	0.197	ug/L		85

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

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