Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046928.D
Acq On : 16 Oct 2020 13:23
Operator : CG/JU
Sample : L4201-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS4

Manual Integrations APPROVED
mohammad
10/19/2020 1:23:07 PM

Quant Time: Oct 16 14:02:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 16 02:00:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	49128	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	195020	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	134566	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	289066	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	283263	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	282453	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	4915	4.44	ng/uL	0.00
5) Phenol-d5	7.23	99	89897	20.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	55445	22.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	71990	22.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	62508	18.06	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	37210	22.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	42294	22.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	84165	22.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	14748	3.46	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	267392	23.92	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	318282	24.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	33282	17.27	ng/ul	0.00
58) Fluorene-d10	15.69	176	240673	23.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	35774	17.97	ng/ul	0.00
71) Anthracene-d10	17.54	188	348781	24.91	ng/ul	0.00
79) Pyrene-d10	19.82	212	393680	25.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	392725	24.69	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.26	94	5927	1.305	ng/ul#	88
14) Acetophenone	8.90	105	8996	1.620	ng/ul#	76
45) Dimethylphthalate	14.15	163	81987	7.075	ng/ul	98
70) Phenanthrene	17.49	178	27921	1.688	ng/ul#	92
77) Fluoranthene	19.49	202	85874	4.252	ng/ul#	97
80) Pyrene	19.86	202	74093	3.865	ng/ul	98
83) Benzo(a)anthracene	21.70	228	45842	2.345	ng/ul#	88
85) Chrysene	21.76	228	51005	2.704	ng/ul#	93
88) Benzo(b)fluoranthene	23.94	252	47225	2.410	ng/ul#	69
89) Benzo(k)fluoranthene	23.96	252	46312m	2.451	ng/ul	
91) Benzo(a)pyrene	24.82	252	51857	2.944	ng/ul#	67
92) Indeno(1,2,3-cd)pyrene	28.69	276	46160m	2.139	ng/ul	
94) Benzo(g,h,i)perylene	29.85	276	55727m	3.077	ng/ul	

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

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