Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
Data File : BG046986.D
Acq On : 19 Oct 2020 14:20
Operator : CG/JU
Sample : L4308-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP7

Manual Integrations APPROVED
mohammad
10/20/2020 2:57:46 PM

Quant Time: Oct 19 15:05:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 11:15:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	58637	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	235532	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	169500	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	379731	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	358016	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	369241	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	5855	4.43	ng/uL	0.00
5) Phenol-d5	7.22	99	145445	28.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	80135	26.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	109821	28.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	120382	29.14	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	58209	29.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	71646	31.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	141631	31.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	108343	21.04	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	464046	32.96	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	535917	33.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	64411	26.54	ng/ul	0.00
58) Fluorene-d10	15.69	176	415072	32.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	74789	28.60	ng/ul	0.00
71) Anthracene-d10	17.54	188	621019	33.76	ng/ul	0.00
79) Pyrene-d10	19.82	212	693081	35.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	677112	32.56	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.14	163	147812	10.126	ng/ul	98
70) Phenanthrene	17.49	178	260186	11.974	ng/ul	99
72) Anthracene	17.57	178	58702	2.675	ng/ul	98
75) Carbazole	17.84	167	18872	1.071	ng/ul#	90
77) Fluoranthene	19.49	202	587831	22.155	ng/ul	98
80) Pyrene	19.85	202	447040	18.451	ng/ul	98
83) Benzo(a)anthracene	21.69	228	304356	12.317	ng/ul	97
85) Chrysene	21.75	228	292432m	12.266	ng/ul	
88) Benzo(b)fluoranthene	23.92	252	368175	14.374	ng/ul	97
89) Benzo(k)fluoranthene	23.98	252	108083	4.376	ng/ul	98
91) Benzo(a)pyrene	24.80	252	253406m	11.005	ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.64	276	180443	6.397	ng/ul	99
93) Dibenzo(a,h)anthracene	28.69	278	49979m	2.136	ng/ul	
94) Benzo(g,h,i)perylene	29.79	276	148356m	6.265	ng/ul	

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

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