Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047609.D
Acq On : 5 Dec 2020 17:15
Operator : CG/JU
Sample : L4864-22
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B68

Manual Integrations APPROVED
mohammad
12/7/2020 2:01:35 PM

Quant Time: Dec 07 06:09:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 05:06:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	41216	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	155845	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.87	164	119072	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	284859	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	246942	20.00	ng/ul	-0.02
86) Perylene-d12	25.27	264	252385	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	1499	1.32	ng/uL	-0.01
5) Phenol-d5	7.39	99	34860	8.43	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.56	67	21536	9.14	ng/ul	-0.03
9) 2-Chlorophenol-d4	7.77	132	28855	10.41	ng/ul	-0.02
13) 4-Methylphenol-d8	8.94	113	17109	5.39	ng/ul	-0.02
19) Nitrobenzene-d5	9.42	128	13445	10.44	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.14	143	17395	12.38	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.69	165	33718	10.48	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.20	131	26622	8.19	ng/ul	-0.02
44) Dimethylphthalate-d6	14.25	166	118989	11.64	ng/ul	-0.02
47) Acenaphthylene-d8	14.56	160	134815	11.41	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.02	143	11529	7.39	ng/ul	0.00
58) Fluorene-d10	15.85	176	110426	11.79	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.95	200	16191	9.99	ng/ul	-0.02
71) Anthracene-d10	17.70	188	172680	12.22	ng/ul	-0.02
79) Pyrene-d10	19.97	212	190601	13.26	ng/ul	-0.01
90) Benzo(a)pyrene-d12	25.03	264	179940	12.39	ng/ul	-0.03
Target Compounds						Qvalue
45) Dimethylphthalate	14.30	163	23046	2.210	ng/ul#	97
77) Fluoranthene	19.63	202	101160	5.207	ng/ul#	97
80) Pyrene	20.00	202	98124	5.610	ng/ul#	96
83) Benzo(a)anthracene	21.86	228	108764	6.190	ng/ul	97
85) Chrysene	21.93	228	110663	6.618	ng/ul	99
88) Benzo(b)fluoranthene	24.18	252	157055	8.814	ng/ul	99
89) Benzo(k)fluoranthene	24.25	252	60425m	3.441	ng/ul	
91) Benzo(a)pyrene	25.10	252	97229	6.121	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.14	276	72695m	3.762	ng/ul	
93) Dibenzo(a,h)anthracene	29.20	278	21481m	1.356	ng/ul	
94) Benzo(g,h,i)perylene	30.36	276	55151m	3.459	ng/ul	

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

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