Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047492.D
Acq On : 1 Dec 2020 10:12
Operator : CG/JU
Sample : L4793-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B42

Manual Integrations APPROVED
mohammad
12/2/2020 2:25:44 PM

Quant Time: Dec 01 11:28:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 01 10:06:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	30177	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	121243	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	90061	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	216254m	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	198856	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	208635	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	1767m	2.13	ng/uL	0.00
5) Phenol-d5	7.40	99	38522	12.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	23743	13.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	28827	14.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	27037	11.63	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	16046	16.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	19687	18.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	37628	15.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	20887	8.26	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	120710	15.61	ng/ul	0.00
47) Acenaphthylene-d8	14.57	160	147303	16.49	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	13156	11.15	ng/ul	0.00
58) Fluorene-d10	15.87	176	114047	16.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	18330m	14.89	ng/ul	-0.02
71) Anthracene-d10	17.71	188	178567	16.65	ng/ul	0.00
79) Pyrene-d10	19.98	212	209177	18.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	204747	17.05	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.42	94	12617	4.352	ng/ul#	90
45) Dimethylphthalate	14.31	163	28596	3.626	ng/ul#	93
70) Phenanthrene	17.66	178	16913	1.448	ng/ul	98
77) Fluoranthene	19.65	202	88274m	5.985	ng/ul	
80) Pyrene	20.01	202	87721	6.228	ng/ul#	97
83) Benzo(a)anthracene	21.88	228	58632	4.144	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.76	149	17628	2.556	ng/ul#	93
85) Chrysene	21.95	228	58112	4.316	ng/ul	98
88) Benzo(b)fluoranthene	24.21	252	92326m	6.268	ng/ul	
89) Benzo(k)fluoranthene	24.28	252	25236	1.738	ng/ul#	90
91) Benzo(a)pyrene	25.14	252	63151	4.809	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.19	276	45596m	2.854	ng/ul	
93) Dibenzo(a,h)anthracene	29.24	278	13376m	1.021	ng/ul	
94) Benzo(g,h,i)perylene	30.40	276	39455m	2.993	ng/ul	

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

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