Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047532.D
Acq On : 2 Dec 2020 15:23
Operator : CG/JU
Sample : L4865-08
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B92

Manual Integrations APPROVED
mohammad
12/3/2020 3:35:11 PM

Quant Time: Dec 02 16:27:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	24252	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.09	136	97890	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.88	164	78895	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.61	188	205089m	20.00	ng/ul	-0.01
78) Chrysene-d12	21.89	240	198485	20.00	ng/ul	-0.01
86) Perylene-d12	25.29	264	208646	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	1191	1.79	ng/uL	-0.01
5) Phenol-d5	7.39	99	27231	11.20	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.57	67	16914	12.19	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.79	132	23623	14.48	ng/ul	-0.01
13) 4-Methylphenol-d8	8.95	113	15787	8.45	ng/ul	-0.02
19) Nitrobenzene-d5	9.43	128	12216	15.11	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.16	143	14136	16.02	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.69	165	27846	13.79	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.21	131	25003	12.24	ng/ul	-0.02
44) Dimethylphthalate-d6	14.27	166	99002	14.62	ng/ul	-0.02
47) Acenaphthylene-d8	14.57	160	117151	14.97	ng/ul	-0.01
52) 4-Nitrophenol-d4	15.04	143	11034	10.68	ng/ul	-0.01
58) Fluorene-d10	15.86	176	92184	14.86	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.96	200	16019	13.72	ng/ul	-0.02
71) Anthracene-d10	17.71	188	151113	14.85	ng/ul	-0.01
79) Pyrene-d10	19.97	212	185774	16.08	ng/ul	-0.01
90) Benzo(a)pyrene-d12	25.05	264	187970	15.65	ng/ul	-0.02
Target Compounds						Qvalue
6) Phenol	7.42	94	3140	1.348	ng/ul#	77
45) Dimethylphthalate	14.31	163	19345	2.800	ng/ul#	95
70) Phenanthrene	17.65	178	33559m	3.030	ng/ul	
77) Fluoranthene	19.64	202	76026m	5.435	ng/ul	
80) Pyrene	20.00	202	62355	4.435	ng/ul#	98
83) Benzo(a)anthracene	21.88	228	36483	2.583	ng/ul	92
85) Chrysene	21.94	228	35130	2.614	ng/ul#	90
88) Benzo(b)fluoranthene	24.21	252	42663	2.896	ng/ul#	99
89) Benzo(k)fluoranthene	24.24	252	22689m	1.563	ng/ul	
91) Benzo(a)pyrene	25.12	252	32331	2.462	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	29.17	276	22653m	1.418	ng/ul	
94) Benzo(g,h,i)perylene	30.41	276	18300m	1.388	ng/ul	

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

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