Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047665.D
Acq On : 9 Dec 2020 2:58
Operator : CG/JU
Sample : L4942-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B96

Manual Integrations APPROVED
mohammad
12/9/2020 12:28:20 PM

Quant Time: Dec 09 04:17:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:54:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	25529	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	95463	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	77401	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	204185	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	209191	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	219923	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	1088	2.27	ng/uL	0.00
5) Phenol-d5	7.35	99	25585	11.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	15281	13.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	21163	12.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	20198	11.65	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	10106	12.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	13564	14.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	26568	13.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	24276	12.98	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	93984	13.98	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	111890	14.57	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	11642	11.68	ng/ul	0.00
58) Fluorene-d10	15.82	176	89019	14.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	16110	11.66	ng/ul	0.00
71) Anthracene-d10	17.67	188	155143	15.23	ng/ul	0.00
79) Pyrene-d10	19.94	212	195809	15.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	194221	15.12	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.37	94	3598	1.743	ng/ul#	87
45) Dimethylphthalate	14.27	163	20755	3.048	ng/ul	99
70) Phenanthrene	17.61	178	27054	2.445	ng/ul	97
77) Fluoranthene	19.61	202	70675	5.019	ng/ul	99
80) Pyrene	19.97	202	58999	3.878	ng/ul	99
83) Benzo(a)anthracene	21.82	228	36942m	2.472	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.72	149	11307	1.591	ng/ul	94
85) Chrysene	21.89	228	35844	2.541	ng/ul	94
88) Benzo(b)fluoranthene	24.14	252	42927m	2.796	ng/ul	
89) Benzo(k)fluoranthene	24.21	252	17469	1.148	ng/ul	96
91) Benzo(a)pyrene	25.05	252	30378	2.194	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.05	276	19636m	1.163	ng/ul	
94) Benzo(g,h,i)perylene	30.25	276	16202m	1.169	ng/ul	

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

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