Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
Data File : BG029478.D
Acq On : 26 Oct 2017 14:57
Operator : SJ/JU
Sample : I5792-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0D49

Manual Integrations APPROVED
Sohil
10/27/2017 5:32:53 PM

Quant Time: Oct 26 17:48:01 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 15:59:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	106424	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	494874	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	311846	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	692978	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	717946	20.00	ng/ul	0.00
83) Perylene-d12	25.13	264	734470	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	15316	5.85	ng/uL	0.00
5) Phenol-d5	7.33	99	377769	36.98	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.49	67	211542	33.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	303934	42.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	312086	37.83	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	152042	42.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	180964	49.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	334366	40.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	301645	31.30	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	961167	36.05	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1239173	38.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	128647	26.14	ng/ul	0.00
57) Fluorene-d10	15.78	176	878767	40.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	107355	31.74	ng/ul	0.00
70) Anthracene-d10	17.63	188	1250995	38.17	ng/ul	0.00
76) Pyrene-d10	19.91	212	1398362	37.63	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.91	264	1393398	40.06	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.35	94	49320	4.666	ng/ul	91
44) Dimethylphthalate	14.23	163	75359	2.898	ng/ul	98
69) Phenanthrene	17.57	178	190398	5.082	ng/ul	99
74) Fluoranthene	19.57	202	335029	8.002	ng/ul	99
77) Pyrene	19.93	202	311761	6.479	ng/ul	99
80) Benzo(a)anthracene	21.78	228	148877	3.309	ng/ul	98
82) Chrysene	21.85	228	172696	4.224	ng/ul	94
85) Benzo(b)fluoranthene	24.07	252	204228	4.632	ng/ul	99
86) Benzo(k)fluoranthene	24.13	252	75754m	1.777	ng/ul	
88) Benzo(a)pyrene	24.97	252	136235	3.174	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.92	276	81765	1.684	ng/ul	98
91) Benzo(g,h,i)perylene	30.12	276	65420	1.625	ng/ul#	91

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

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