Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
Data File : BG030793.D
Acq On : 7 Nov 2017 2:27
Operator : SJ/JU
Sample : I6188-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0EL4

Manual Integrations APPROVED
Sohil
11/7/2017 5:38:03 PM

Quant Time: Nov 07 07:52:22 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 06:56:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	103575	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	453090	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	285578	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	642574	20.00	ng/ul	0.00
75) Chrysene-d12	21.83	240	651595	20.00	ng/ul	0.05
83) Perylene-d12	25.18	264	765358m	20.00	ng/ul	0.09
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	15225	5.98	ng/uL	0.00
5) Phenol-d5	7.32	99	338934	34.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	194858	31.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	280519	40.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	268899	33.49	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	137549	42.29	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	164686	49.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	291461	38.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	260860	29.57	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	877174	35.93	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	1101376	37.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	135485	30.06	ng/ul	0.00
57) Fluorene-d10	15.76	176	803966	40.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	53474	17.05	ng/ul	0.00
70) Anthracene-d10	17.61	188	1175625	38.68	ng/ul	0.00
76) Pyrene-d10	19.91	212	1290847	38.27	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.97	264	1400814m	38.64	ng/ul	0.10
Target Compounds						Qvalue
6) Phenol	7.34	94	40586	3.946	ng/ul	92
44) Dimethylphthalate	14.21	163	57983	2.435	ng/ul	98
47) Acenaphthylene	14.50	152	140729	4.646	ng/ul	97
49) Acenaphthene	14.84	153	110627	5.339	ng/ul	97
53) Dibenzofuran	15.16	168	86191	3.042	ng/ul	93
58) Fluorene	15.82	166	98226	4.346	ng/ul	98
69) Phenanthrene	17.57	178	4089711m	117.734	ng/ul	
71) Anthracene	17.65	178	1045140	29.161	ng/ul	97
72) Carbazole	17.91	167	235020	7.295	ng/ul	97
74) Fluoranthene	19.60	202	10008580m	257.808	ng/ul	
77) Pyrene	19.97	202	9729693	222.799	ng/ul#	41
80) Benzo(a)anthracene	21.82	228	9764738	239.125	ng/ul#	44
82) Chrysene	21.89	228	8699504	234.467	ng/ul#	37
85) Benzo(b)fluoranthene	24.17	252	16381163m	356.524	ng/ul	
86) Benzo(k)fluoranthene	24.23	252	4474427m	100.721	ng/ul	
88) Benzo(a)pyrene	25.09	252	11362688m	254.058	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.16	276	12354163m	244.151	ng/ul	
90) Dibenzo(a,h)anthracene	29.17	278	4223487m	100.475	ng/ul	
91) Benzo(g,h,i)perylene	30.38	276	10968801m	261.513	ng/ul	

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

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