Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029421.D
Acq On : 24 Oct 2017 12:42
Operator : SJ/JU
Sample : I5925-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB3L0

Manual Integrations APPROVED
Sohil
10/25/2017 6:27:02 PM

Quant Time: Oct 24 14:59:03 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 07:42:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	66878	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.98	136	322030	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	219615	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.52	188	516785	20.00	ng/ul	-0.01
75) Chrysene-d12	21.80	240	549570	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	563738	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	8825	5.36	ng/uL	0.00
5) Phenol-d5	7.31	99	173971	27.10	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	98196	24.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	133998	29.59	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	150587	29.05	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	66350	28.70	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.06	143	80208	33.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	157791	29.23	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	170657	27.21	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	510222	27.17	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	637182	27.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	65367	18.86	ng/ul	0.00
57) Fluorene-d10	15.77	176	463782	30.16	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.88	200	60296	23.90	ng/ul	0.00
70) Anthracene-d10	17.62	188	674576	27.60	ng/ul	-0.01
76) Pyrene-d10	19.89	212	781983	27.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	764655	28.64	ng/ul	-0.01
Target Compounds						Qvalue
4) Benzaldehyde	7.29	77	4468	1.127	ng/ul#	78
6) Phenol	7.34	94	10211	1.537	ng/ul	95
28) Naphthalene	11.03	128	20110	1.180	ng/ul	98
34) 2-Methylnaphthalene	12.62	142	19294	1.368	ng/ul	96
44) Dimethylphthalate	14.22	163	42378	2.314	ng/ul#	98
49) Acenaphthene	14.84	153	46431	2.914	ng/ul	93
58) Fluorene	15.83	166	43804	2.520	ng/ul	95
69) Phenanthrene	17.56	178	1069321	38.276	ng/ul	97
71) Anthracene	17.65	178	111300	3.861	ng/ul	98
74) Fluoranthene	19.56	202	901224	28.865	ng/ul	100
77) Pyrene	19.93	202	1441679	39.141	ng/ul	98
80) Benzo(a)anthracene	21.77	228	663687	19.270	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.67	149	76230	3.522	ng/ul#	98
82) Chrysene	21.84	228	734900	23.484	ng/ul	98
85) Benzo(b)fluoranthene	24.05	252	550578	16.269	ng/ul	98
86) Benzo(k)fluoranthene	24.11	252	142236m	4.347	ng/ul	
88) Benzo(a)pyrene	24.95	252	436518	13.251	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.88	276	243040	6.521	ng/ul	97
90) Dibenzo(a,h)anthracene	28.93	278	92079m	2.974	ng/ul	
91) Benzo(g,h,i)perylene	30.06	276	277606	8.986	ng/ul	94

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

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