Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029420.D
Acq On : 24 Oct 2017 12:03
Operator : SJ/JU
Sample : I5925-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB3K9

Quant Time: Oct 24 14:44:59 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	59207	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.98	136	292300	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.78	164	205446	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.52	188	509125	20.00	ng/ul	-0.01
75) Chrysene-d12	21.79	240	547841	20.00	ng/ul	-0.01
83) Perylene-d12	25.10	264	545306	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	7157	4.91	ng/uL	0.00
5) Phenol-d5	7.31	99	136012	23.94	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	78980	22.21	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.69	132	104884	26.16	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	121558	26.49	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	52836	25.18	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.05	143	62535	29.09	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.60	165	123845	25.28	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	153318	26.94	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	417072	23.75	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	511236	23.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	50442	15.56	ng/ul	-0.01
57) Fluorene-d10	15.77	176	381704	26.53	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.88	200	31014	12.48	ng/ul	-0.01
70) Anthracene-d10	17.62	188	591730	24.57	ng/ul	-0.01
76) Pyrene-d10	19.89	212	694600	24.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	649674	25.15	ng/ul	-0.02
Target Compounds						Qvalue
69) Phenanthrene	17.57	178	99652	3.621	ng/ul	97
74) Fluoranthene	19.56	202	204481	6.648	ng/ul	98
77) Pyrene	19.92	202	187072	5.095	ng/ul	99
80) Benzo(a)anthracene	21.77	228	106104	3.090	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.66	149	36048	1.671	ng/ul#	98
82) Chrysene	21.84	228	100288	3.215	ng/ul	99
85) Benzo(b)fluoranthene	24.04	252	142803	4.362	ng/ul	99
86) Benzo(k)fluoranthene	24.11	252	44174	1.396	ng/ul	99
88) Benzo(a)pyrene	24.94	252	93730	2.941	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.87	276	65796	1.825	ng/ul	97
91) Benzo(g,h,i)perylene	30.04	276	65655	2.197	ng/ul#	93

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

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