Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029427.D
Acq On : 24 Oct 2017 16:41
Operator : SJ/JU
Sample : I5925-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB3L6

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

Quant Time: Oct 24 19:38:58 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	65313	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.98	136	310385	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	207905	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.52	188	490246	20.00	ng/ul	-0.01
75) Chrysene-d12	21.79	240	519668	20.00	ng/ul	-0.01
83) Perylene-d12	25.10	264	519141	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	8971	5.58	ng/uL	0.00
5) Phenol-d5	7.31	99	193865	30.93	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	112157	28.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	151539	34.27	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	169916	33.56	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	78218	35.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	92299	40.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	177936	34.20	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	211502	34.99	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	574067	32.30	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	721937	33.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	73113	22.28	ng/ul	-0.01
57) Fluorene-d10	15.77	176	523391	35.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	63386	26.49	ng/ul	-0.01
70) Anthracene-d10	17.62	188	776601	33.49	ng/ul	-0.01
76) Pyrene-d10	19.89	212	895017	33.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	855761	34.80	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	7.34	94	7409	1.142	ng/ul	93
28) Naphthalene	11.03	128	17964	1.094	ng/ul	95
44) Dimethylphthalate	14.23	163	64892	3.743	ng/ul	99
49) Acenaphthene	14.85	153	20268	1.343	ng/ul	96
53) Dibenzofuran	15.18	168	20971	1.017	ng/ul	95
58) Fluorene	15.83	166	21329	1.296	ng/ul	95
69) Phenanthrene	17.57	178	403737	15.234	ng/ul	97
71) Anthracene	17.65	178	72392	2.647	ng/ul	99
72) Carbazole	17.92	167	37562	1.528	ng/ul	96
74) Fluoranthene	19.56	202	667519	22.537	ng/ul	99
77) Pyrene	19.92	202	604518	17.357	ng/ul	99
80) Benzo(a)anthracene	21.77	228	345083	10.596	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.66	149	30108	1.471	ng/ul#	99
82) Chrysene	21.84	228	336651	11.377	ng/ul	99
85) Benzo(b)fluoranthene	24.05	252	449589	14.426	ng/ul	98
86) Benzo(k)fluoranthene	24.11	252	158662m	5.265	ng/ul	
88) Benzo(a)pyrene	24.95	252	302065	9.957	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.88	276	224771	6.549	ng/ul	99
90) Dibenzo(a,h)anthracene	28.92	278	59152	2.075	ng/ul	97
91) Benzo(g,h,i)perylene	30.07	276	200986	7.064	ng/ul	93

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

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