Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110717\
Data File : BG030829.D
Acq On : 8 Nov 2017 4:31
Operator : SJ/JU
Sample : I6222-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0EQ1

Manual Integrations APPROVED
Sohil
11/8/2017 5:30:01 PM

Quant Time: Nov 08 13:17:04 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 04:22:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	83369	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	401015	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	255068	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	582718	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	587043	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	617934	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	6459	3.15	ng/uL	0.00
5) Phenol-d5	7.31	99	140466	17.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	89040	17.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	114199	20.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	119965	18.56	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	57451	19.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	72239	24.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	128069	19.05	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	102634	13.14	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	404614	18.55	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	500755	18.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	47964	11.91	ng/ul	0.00
57) Fluorene-d10	15.76	176	372188	20.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	43466	15.28	ng/ul	0.00
70) Anthracene-d10	17.61	188	547246	19.86	ng/ul	0.00
76) Pyrene-d10	19.88	212	592205	19.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	580808	19.85	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.34	94	15518	1.874	ng/ul	97
28) Naphthalene	11.02	128	62026	2.923	ng/ul	99
34) 2-Methylnaphthalene	12.61	142	18100	1.030	ng/ul	88
44) Dimethylphthalate	14.21	163	31052	1.460	ng/ul	100
47) Acenaphthylene	14.49	152	29828	1.103	ng/ul#	90
49) Acenaphthene	14.83	153	41619	2.249	ng/ul	99
53) Dibenzofuran	15.16	168	49030	1.938	ng/ul	94
58) Fluorene	15.81	166	73001	3.616	ng/ul	99
69) Phenanthrene	17.55	178	1011531	32.111	ng/ul	97
71) Anthracene	17.64	178	174610	5.372	ng/ul	98
72) Carbazole	17.91	167	82533	2.825	ng/ul	94
74) Fluoranthene	19.55	202	1383177	39.289	ng/ul	98
77) Pyrene	19.91	202	1126107	28.622	ng/ul	97
80) Benzo(a)anthracene	21.76	228	669603	18.201	ng/ul	98
82) Chrysene	21.83	228	662519	19.820	ng/ul	96
85) Benzo(b)fluoranthene	24.04	252	802604	21.636	ng/ul	96
86) Benzo(k)fluoranthene	24.11	252	315034m	8.783	ng/ul	
88) Benzo(a)pyrene	24.94	252	537297	14.880	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	28.89	276	413992	10.133	ng/ul	96
90) Dibenzo(a,h)anthracene	28.92	278	122325m	3.604	ng/ul	
91) Benzo(g,h,i)perylene	30.08	276	307698	9.086	ng/ul	98

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

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