Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
Data File : BG030800.D
Acq On : 7 Nov 2017 6:48
Operator : SJ/JU
Sample : I6188-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0EN2

Manual Integrations APPROVED
Sohil
11/7/2017 5:38:09 PM

Quant Time: Nov 07 08:19:07 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 08:04:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	87445	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	399215	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	260706	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	630410	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	655128	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	679907	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	7795	3.62	ng/uL	0.00
5) Phenol-d5	7.31	99	164936	19.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	102085	19.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	142249	24.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	124814	18.41	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	73153	25.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	85511	29.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	155686	23.27	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	168324	21.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	525369	23.57	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	656530	24.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	76958	18.70	ng/ul	0.00
57) Fluorene-d10	15.76	176	500890	27.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	30863	10.03	ng/ul	0.00
70) Anthracene-d10	17.61	188	769989	25.83	ng/ul	0.00
76) Pyrene-d10	19.89	212	866209	25.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	866664	26.91	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.34	94	19306	2.223	ng/ul#	89
44) Dimethylphthalate	14.22	163	40888	1.881	ng/ul	98
47) Acenaphthylene	14.50	152	52131	1.885	ng/ul	98
69) Phenanthrene	17.55	178	460064	13.500	ng/ul	98
71) Anthracene	17.65	178	77847	2.214	ng/ul	100
72) Carbazole	17.91	167	37911	1.199	ng/ul	96
74) Fluoranthene	19.55	202	953033	25.023	ng/ul	98
77) Pyrene	19.91	202	833815	18.990	ng/ul	98
80) Benzo(a)anthracene	21.77	228	523670	12.755	ng/ul	98
82) Chrysene	21.83	228	516518m	13.846	ng/ul	
85) Benzo(b)fluoranthene	24.04	252	671290	16.446	ng/ul	98
86) Benzo(k)fluoranthene	24.10	252	212763	5.391	ng/ul	95
88) Benzo(a)pyrene	24.94	252	465456	11.715	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	28.88	276	336910	7.495	ng/ul	97
90) Dibenzo(a,h)anthracene	28.93	278	91645	2.454	ng/ul	98
91) Benzo(g,h,i)perylene	30.07	276	272000	7.300	ng/ul	94

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

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