Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
Data File : BG022014.D
Acq On : 22 May 2016 16:02
Operator : UM/SJ
Sample : H3204-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XH1MS

Manual Integrations APPROVED
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Quant Time: May 24 09:20:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 08:11:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	37818	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	192729	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	107961	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	206212	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	180547	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	172110	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	1265	1.53	ng/uL	0.00
3) Phenol-d5	7.31	99	64314	19.26	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.47	67	34681	19.50	ng/ul	0.00
5) 2-Chlorophenol-d4	7.68	132	56290	20.53	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	51649	17.36	ng/ul	0.00
8) Nitrobenzene-d5	9.32	128	27939	20.66	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	28838	19.99	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	52840	20.72	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	50541	25.17	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	175478	21.08	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	239849	22.37	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	16717	11.42	ng/ul	0.00
21) Fluorene-d10	15.77	176	159539	21.29	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	14788	14.45	ng/ul	0.00
26) Anthracene-d10	17.63	188	212796	22.40	ng/ul	0.00
30) Pyrene-d10	19.90	212	225848	23.71	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	180193	23.57	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	11.03	128	10248	1.09	ng/ul	98
19) Acenaphthene	14.85	153	163492	21.32	ng/ul	97
25) Phenanthrene	17.57	178	29915	2.71	ng/ul	96
28) Fluoranthene	19.57	202	51285	4.48	ng/ul	96
31) Pyrene	19.94	202	315000m	25.33	ng/ul	
32) Benzo(a)anthracene	21.79	228	23866	2.38	ng/ul	92
33) Chrysene	21.86	228	31733	3.26	ng/ul	97
35) Benzo(b)fluoranthene	24.08	252	41667	4.21	ng/ul#	91
36) Benzo(k)fluoranthene	24.14	252	16892m	1.74	ng/ul	
38) Benzo(a)pyrene	24.98	252	26225	2.77	ng/ul#	92
39) Indeno(1,2,3-cd)pyrene	28.94	276	22668m	2.11	ng/ul	
41) Benzo(g,h,i)perylene	30.16	276	19831m	2.18	ng/ul	

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

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