Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
Data File : BG022057.D
Acq On : 23 May 2016 22:00
Operator : UM/SJ
Sample : H3086-21MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG9MSD

Manual Integrations APPROVED
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5/24/2016 7:37:25 PM

Quant Time: May 24 11:57:33 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 05:44:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	38019	20.00	ng/ul	0.02
18) Naphthalene-d8	11.01	136	159025	20.00	ng/ul	0.03
35) Acenaphthene-d10	14.83	164	84212	20.00	ng/ul	0.05
61) Phenanthrene-d10	17.58	188	145271	20.00	ng/ul	0.05
75) Chrysene-d12	21.89	240	192827	20.00	ng/ul	0.08
83) Perylene-d12	25.37	264	114957m	20.00	ng/ul	0.22
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	535	0.73	ng/uL	0.00
5) Phenol-d5	7.34	99	44662	13.00	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.49	67	21674	12.04	ng/ul	0.02
9) 2-Chlorophenol-d4	7.71	132	39170	13.64	ng/ul	0.02
13) 4-Methylphenol-d8	8.89	113	39947	13.71	ng/ul	0.03
19) Nitrobenzene-d5	9.34	128	20462	17.45	ng/ul	0.01
22) 2-Nitrophenol-d4	10.08	143	23112	18.19	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.63	165	39218	17.50	ng/ul	0.03
29) 4-Chloroaniline-d4	11.11	131	128961	52.83	ng/ul	0.00
43) Dimethylphthalate-d6	14.21	166	120389	19.03	ng/ul	0.03
46) Acenaphthylene-d8	14.53	160	158721	17.97	ng/ul	0.04
51) 4-Nitrophenol-d4	15.04	143	43822	40.23	ng/ul	0.06
57) Fluorene-d10	15.82	176	113473	19.16	ng/ul	0.06
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.68	188	140813	20.20	ng/ul	0.05
76) Pyrene-d10	19.95	212	177144	16.29	ng/ul	0.05
87) Benzo(a)pyrene-d12	25.12	264	94114	17.64	ng/ul	0.21
Target Compounds						Qvalue
6) Phenol	7.36	94	45051	13.02	ng/ul	96
10) 2-Chlorophenol	7.75	128	38387	13.56	ng/ul	94
14) Acetophenone	8.99	105	5093	1.25	ng/ul#	49
15) N-Nitroso-di-n-propylamine	8.97	70	29695	14.12	ng/ul	98
21) Isophorone	9.91	82	5425	1.07	ng/ul#	1
28) Naphthalene	11.06	128	13645	1.69	ng/ul#	14
33) 4-Chloro-3-methylphenol	12.28	107	36254	15.48	ng/ul	95
34) 2-Methylnaphthalene	12.66	142	417352	72.41	ng/ul	99
40) 1,1'-Biphenyl	13.65	154	29522	4.26	ng/ul#	75
44) Dimethylphthalate	14.26	163	37678	5.93	ng/ul#	35
47) Acenaphthylene	14.56	152	70402	7.82	ng/ul#	1
49) Acenaphthene	14.90	153	420918	67.72	ng/ul	95
58) Fluorene	15.88	166	209967	32.37	ng/ul#	90
68) Pentachlorophenol	17.23	266	12606	14.21	ng/ul	93
69) Phenanthrene	17.62	178	604123	74.76	ng/ul#	91
71) Anthracene	17.71	178	24757	3.02	ng/ul#	49
74) Fluoranthene	19.62	202	65722	7.96	ng/ul#	84
77) Pyrene	19.99	202	500211	36.87	ng/ul	95
80) Benzo(a)anthracene	21.87	228	70110	6.20	ng/ul#	22
82) Chrysene	21.93	228	142451	13.13	ng/ul#	52

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

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