Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
Data File : BG021806.D
Acq On : 9 May 2016 13:14
Operator : UM/SJ
Sample : SSTD16012
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16012

Quant Time: May 09 13:48:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 09 12:51:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	63115	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	316192	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	188176	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	402793	20.00	ng/ul	0.00
76) Chrysene-d12	21.84	240	433907	20.00	ng/ul	0.01
84) Perylene-d12	25.18	264	400490	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	71681	50.96	ng/uL	0.00
5) Phenol-d5	7.34	99	868414	145.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	383830	108.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	704798	155.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	720405	140.96	ng/ul	0.02
19) Nitrobenzene-d5	9.36	128	382900	161.41	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	333426	122.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	728118	150.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	546594	86.26	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	1930032	123.18	ng/ul	0.02
47) Acenaphthylene-d8	14.51	160	2425215	125.57	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	438047	174.91	ng/ul	0.02
58) Fluorene-d10	15.80	176	1784289	126.30	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.93	200	284823	107.03	ng/ul	0.02
71) Anthracene-d10	17.55	188	402793	20.41	ng/ul	-0.09
77) Pyrene-d10	19.93	212	2519342	124.51	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.97	264	2849816	154.18	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	139863	73.62	ng/uL#	68
4) Benzaldehyde	7.51	77	595	0.16	ng/ul	90
6) Phenol	7.37	94	848345	134.47	ng/ul#	73
8) Bis(2-Chloroethyl)ether	7.61	93	619907	135.75	ng/ul#	78
10) 2-Chlorophenol	7.75	128	711267	152.72	ng/ul#	78
11) 2-Methylphenol	8.63	108	698391	143.86	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.72	45	525231	95.36	ng/ul#	85
14) Acetophenone	9.03	105	990394	118.77	ng/ul#	68
15) N-Nitroso-di-n-propylamine	9.03	70	431310	93.30	ng/ul#	72
16) 4-Methylphenol	8.97	108	740579	134.47	ng/ul	88
17) Hexachloroethane	9.28	117	243087	124.38	ng/ul	90
20) Nitrobenzene	9.41	77	638437	95.29	ng/ul#	65
21) Isophorone	9.94	82	1349751	104.50	ng/ul#	84
23) 2-Nitrophenol	10.12	139	377689	126.18	ng/ul#	57
24) 2,4-Dimethylphenol	10.17	107	729211	107.94	ng/ul#	67
25) Bis(2-Chloroethoxy)methane	10.41	93	862056	128.13	ng/ul#	92
27) 2,4-Dichlorophenol	10.65	162	705237	140.11	ng/ul	93
28) Naphthalene	11.06	128	2136146	127.42	ng/ul#	92
30) 4-Chloroaniline	11.17	127	571457	85.92	ng/ul	94
31) Hexachlorobutadiene	11.34	225	382698	103.24	ng/ul	97
32) Caprolactam	11.99	113	139266	73.67	ng/ul#	40
33) 4-Chloro-3-methylphenol	12.28	107	696099	113.25	ng/ul#	68
34) 2-Methylnaphthalene	12.65	142	1610708	129.46	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.87	142	1569048	129.97 ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	13.01	216	837041	127.08 ng/ul#	91
38) Hexachlorocyclopentadiene	12.99	237	494507	204.97 ng/ul#	98
39) 2,4,6-Trichlorophenol	13.25	196	545555	140.88 ng/ul	96
40) 2,4,5-Trichlorophenol	13.25	196	545555	129.09 ng/ul	94
41) 1,1'-Biphenyl	13.65	154	1950780	126.73 ng/ul	92
42) 2-Chloronaphthalene	13.69	162	1591667	132.20 ng/ul	95
43) 2-Nitroaniline	13.90	65	341953	81.44 ng/ul#	18
45) Dimethylphthalate	14.27	163	1849778	113.62 ng/ul#	95
46) 2,6-Dinitrotoluene	14.39	165	479363	144.30 ng/ul#	63
48) Acenaphthylene	14.54	152	2377171	124.23 ng/ul#	85
49) 3-Nitroaniline	14.73	138	462849	150.60 ng/ul#	62
50) Acenaphthene	14.87	153	1774344	134.43 ng/ul	91
51) 2,4-Dinitrophenol	15.28	184	427	0.26 ng/ul	89
53) 4-Nitrophenol	15.04	109	198709	76.48 ng/ul#	41
54) Dibenzofuran	15.21	168	2188153	118.34 ng/ul	97
55) 2,4-Dinitrotoluene	15.17	165	648714	133.19 ng/ul#	55
56) 2,3,4,6-Tetrachlorophenol	15.43	232	507614	164.29 ng/ul#	90
57) Diethylphthalate	15.63	149	1858893	106.84 ng/ul#	87
59) Fluorene	15.86	166	1892265	117.05 ng/ul#	97
60) 4-Chlorophenyl-phenylether	15.84	204	1002209	118.04 ng/ul	88
61) 4-Nitroaniline	15.90	138	563055	174.81 ng/ul#	49
64) 4,6-Dinitro-2-methylphenol	15.94	198	311363	110.81 ng/ul#	77
65) N-Nitrosodiphenylamine	16.06	169	1708596	136.93 ng/ul#	83
66) 4-Bromophenyl-phenylether	16.74	248	676849	143.86 ng/ul#	80
67) Hexachlorobenzene	16.85	284	756411	152.41 ng/ul#	82
68) Atrazine	17.01	200	570956	113.45 ng/ul	95
69) Pentachlorophenol	17.20	266	416454	317.31 ng/ul	95
70) Phenanthrene	17.60	178	2704874	118.58 ng/ul#	80
72) Anthracene	17.69	178	2579639	111.14 ng/ul#	77
73) Carbazole	17.96	167	2698206	134.37 ng/ul#	89
74) Di-n-butylphthalate	18.50	149	2678812	103.40 ng/ul#	88
75) Fluoranthene	19.59	202	2896023	105.20 ng/ul#	78
78) Pyrene	19.96	202	2727971	105.52 ng/ul#	75
79) Butylbenzylphthalate	20.83	149	1375261	125.95 ng/ul#	81
80) 3,3'-Dichlorobenzidine	21.73	252	1190093	132.25 ng/ul	95
81) Benzo(a)anthracene	21.82	228	3014909	115.10 ng/ul#	76
82) Bis(2-ethylhexyl)phthalate	21.71	149	1987483	124.44 ng/ul#	81
83) Chrysene	21.89	228	2797064	112.76 ng/ul#	75
85) Di-n-octyl phthalate	22.96	149	3124620	114.93 ng/ul	100
86) Benzo(b)fluoranthene	24.13	252	3585164	139.36 ng/ul#	88
87) Benzo(k)fluoranthene	24.20	252	3030588	119.93 ng/ul#	83
89) Benzo(a)pyrene	25.05	252	3283376	131.47 ng/ul#	84
90) Indeno(1,2,3-cd)pyrene	29.05	276	4374785	154.14 ng/ul#	89
91) Dibenzo(a,h)anthracene	29.13	278	3494929	144.75 ng/ul#	90
92) Benzo(g,h,i)perylene	30.26	276	3504696	150.16 ng/ul#	88

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

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