Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061915\
Data File : BG017730.D
Acq On : 19 Jun 2015 14:55
Operator : TP/IZ
Sample : SSTD08018
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD08018

Manual Integrations APPROVED
apatel
6/22/2015 4:34:02 PM

Quant Time: Jun 19 16:34:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG061915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 19 14:26:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	61946	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	296946	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	185250	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	389574	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	398829	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	384354	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	44201	34.02	ng/uL	0.00
5) Phenol-d5	6.79	99	445532	93.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	253644	95.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	366971	97.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	369602	96.78	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	181755	88.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	198817	88.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	346876	72.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	452478	92.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	964551	70.22	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1263045	70.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	228539	90.18	ng/ul	0.01
57) Fluorene-d10	15.27	176	958615	75.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	182395	76.64	ng/ul	0.01
70) Anthracene-d10	17.12	188	1369802	75.48	ng/ul	0.00
78) Pyrene-d10	19.43	212	1460283	86.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	1348648	79.60	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	44619	30.07	ng/uL#	92
4) Benzaldehyde	6.76	77	246080	79.09	ng/ul	93
6) Phenol	6.82	94	467376	95.18	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.05	93	341862	92.68	ng/ul	97
10) 2-Chlorophenol	7.18	128	361042	92.69	ng/ul	98
11) 2-Methylphenol	8.06	108	357270	98.28	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.16	45	523164	115.85	ng/ul	95
14) Acetophenone	8.44	105	527291	86.97	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.44	70	320767	108.29	ng/ul#	85
16) 4-Methylphenol	8.40	108	393182	99.55	ng/ul	95
17) Hexachloroethane	8.69	117	148189	94.74	ng/ul#	73
20) Nitrobenzene	8.82	77	442886	79.58	ng/ul	94
21) Isophorone	9.34	82	844971	90.89	ng/ul	96
23) 2-Nitrophenol	9.52	139	212651	86.38	ng/ul#	90
24) 2,4-Dimethylphenol	9.59	107	438858	77.14	ng/ul	89
25) Bis(2-Chloroethoxy)methane	9.83	93	460497	79.40	ng/ul#	97
27) 2,4-Dichlorophenol	10.05	162	342790	73.44	ng/ul	96
28) Naphthalene	10.45	128	1156170	77.11	ng/ul	98
30) 4-Chloroaniline	10.56	127	451141	90.80	ng/ul	97
31) Hexachlorobutadiene	10.74	225	191823	53.66	ng/ul	96
32) Caprolactam	11.34	113	178491m	128.02	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	410725	82.67	ng/ul	89
34) 2-Methylnaphthalene	12.07	142	838841	77.36	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	382924	55.31 ng/ul#	96
37) Hexachlorocyclopentadiene	12.43	237	245272	58.62 ng/ul#	96
38) 2,4,6-Trichlorophenol	12.69	196	254662	63.22 ng/ul	98
39) 2,4,5-Trichlorophenol	12.76	196	283668	64.36 ng/ul	97
40) 1,1'-Biphenyl	13.10	154	1040752	68.83 ng/ul#	95
41) 2-Chloronaphthalene	13.13	162	812662	68.56 ng/ul	98
42) 2-Nitroaniline	13.35	65	284963	90.67 ng/ul	87
44) Dimethylphthalate	13.74	163	1044438	69.56 ng/ul#	97
45) 2,6-Dinitrotoluene	13.86	165	238525	84.51 ng/ul	98
47) Acenaphthylene	13.99	152	1335422	72.73 ng/ul	94
48) 3-Nitroaniline	14.19	138	241851	91.70 ng/ul#	88
49) Acenaphthene	14.34	153	920205	75.00 ng/ul	96
50) 2,4-Dinitrophenol	14.39	184	117525	67.17 ng/ul	90
52) 4-Nitrophenol	14.50	109	178056	67.99 ng/ul#	71
53) Dibenzofuran	14.67	168	1234436	70.26 ng/ul	93
54) 2,4-Dinitrotoluene	14.64	165	335454	80.61 ng/ul#	91
55) 2,3,4,6-Tetrachlorophenol	14.90	232	242281	63.58 ng/ul#	87
56) Diethylphthalate	15.12	149	1150484	80.58 ng/ul	97
58) Fluorene	15.33	166	1099651	75.20 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.33	204	533366	67.66 ng/ul	96
60) 4-Nitroaniline	15.35	138	282695m	94.43 ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.41	198	196492	77.50 ng/ul	93
64) N-Nitrosodiphenylamine	15.54	169	934317	82.09 ng/ul	97
65) 4-Bromophenyl-phenylether	16.22	248	316017	72.73 ng/ul	93
66) Hexachlorobenzene	16.32	284	329211	67.45 ng/ul#	86
67) Atrazine	16.51	200	365636	79.75 ng/ul#	89
68) Pentachlorophenol	16.67	266	205145	68.55 ng/ul	100
69) Phenanthrene	17.06	178	1582327	74.91 ng/ul	93
71) Anthracene	17.16	178	1614524	74.44 ng/ul#	91
72) 1,2,3,4-Tetrachlorobenzene	13.06	216	374350	61.12 ng/uL	98
73) Pentachlorobenzene	14.59	250	382115	66.18 ng/uL	98
74) Carbazole	17.43	167	1535868	80.71 ng/ul#	93
75) Di-n-butylphthalate	18.01	149	1891404	93.05 ng/ul#	93
76) Fluoranthene	19.09	202	1713332	67.81 ng/ul#	81
79) Pyrene	19.46	202	1762890	79.67 ng/ul#	74
80) Butylbenzylphthalate	20.38	149	917052	127.04 ng/ul	92
81) 3,3'-Dichlorobenzidine	21.15	252	564904	79.71 ng/ul#	96
82) Benzo(a)anthracene	21.21	228	1635569	70.19 ng/ul#	90
83) Bis(2-ethylhexyl)phthalate	21.16	149	1251421	115.27 ng/ul#	88
84) Chrysene	21.26	228	1537142m	69.59 ng/ul	
86) Di-n-octyl phthalate	22.04	149	1967640	104.17 ng/ul	100
87) Benzo(b)fluoranthene	22.78	252	1644686	73.51 ng/ul#	90
88) Benzo(k)fluoranthene	22.83	252	1628467	75.32 ng/ul#	88
90) Benzo(a)pyrene	23.36	252	1607518	73.85 ng/ul#	89
91) Indeno(1,2,3-cd)pyrene	25.73	276	1831793	70.97 ng/ul#	82
92) Dibenzo(a,h)anthracene	25.74	278	1575777	72.37 ng/ul#	92
93) Benzo(g,h,i)perylene	26.42	276	1516586	69.88 ng/ul#	86

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

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