Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022576.D
Acq On : 25 Jun 2016 16:06
Operator : UM/SJ
Sample : PB91578BSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91578BSD

Manual Integrations APPROVED
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6/27/2016 4:01:40 PM

Quant Time: Jun 27 15:08:54 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	139844	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	581311	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	424318	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1105212	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1224112	20.00	ng		0.00
86) Perylene-d12	25.21	264	1234509	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	668196	76.64	ng		0.00
7) Phenol-d6	7.31	99	1006972	81.94	ng		0.00
23) Nitrobenzene-d5	9.34	82	1026355	74.73	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	544455	81.58	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1955499	73.09	ng		0.00
78) Terphenyl-d14	20.16	244	3064642	66.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	99250	28.09	ng		95
3) Pyridine	3.99	79	324611	32.84	ng		91
4) n-Nitrosodimethylamine	3.90	42	181202	32.05	ng		84
6) Aniline	7.49	93	482978	29.64	ng		97
8) 2-Chlorophenol	7.73	128	360580	39.93	ng		98
9) Benzaldehyde	7.34	77	15048m	3.48	ng		
10) Phenol	7.33	94	545148	41.97	ng		91
11) bis(2-Chloroethyl)ether	7.58	93	366279	34.26	ng		91
12) 1,3-Dichlorobenzene	8.05	146	378350	34.43	ng		98
13) 1,4-Dichlorobenzene	8.20	146	370993	33.67	ng		94
14) 1,2-Dichlorobenzene	8.52	146	368483	35.17	ng		93
15) Benzyl Alcohol	8.40	79	479082	42.13	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.70	45	427401	36.14	ng		99
17) 2-Methylphenol	8.60	107	350859	40.98	ng		95
18) Hexachloroethane	9.26	117	156025	34.21	ng		93
19) n-Nitroso-di-n-propylamine	8.97	70	379879	37.12	ng		99
20) 3+4-Methylphenols	8.93	107	486010	41.21	ng		94
22) Acetophenone	8.99	105	631290	37.56	ng	#	92
24) Nitrobenzene	9.38	77	553748	36.48	ng		95
25) Isophorone	9.90	82	986961	37.02	ng		98
26) 2-Nitrophenol	10.09	139	220016	40.24	ng		95
27) 2,4-Dimethylphenol	10.14	122	393535	37.67	ng		96
28) bis(2-Chloroethoxy)methane	10.38	93	549342	37.74	ng	#	95
29) 2,4-Dichlorophenol	10.62	162	433500	42.59	ng		98
30) 1,2,4-Trichlorobenzene	10.85	180	438432	36.28	ng		95
31) Naphthalene	11.04	128	1071934	36.68	ng		98
32) Benzoic acid	10.26	122	292944	43.44	ng		91
33) 4-Chloroaniline	11.15	127	116879	9.29	ng	#	93
34) Hexachlorobutadiene	11.32	225	329957	35.13	ng		96
35) Caprolactam	11.93	113	156341m	48.76	ng		
36) 4-Chloro-3-methylphenol	12.25	107	532155	42.59	ng		95
37) 2-Methylnaphthalene	12.63	142	849250	37.48	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	571135	35.65	ng		99
40) Hexachlorocyclopentadiene	12.98	237	830588	64.95	ng		98

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Quant Time: Jun 27 15:08:54 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	398159	38.76	ng		92
43) 2,4,5-Trichlorophenol	13.30	196	442947	41.21	ng		96
45) 1,1'-Biphenyl	13.63	154	1184892	36.66	ng		95
46) 2-Chloronaphthalene	13.68	162	968964	36.43	ng		96
47) 2-Nitroaniline	13.88	65	417429	40.66	ng		93
48) Acenaphthylene	14.53	152	1465282	37.98	ng		99
49) Dimethylphthalate	14.25	163	1342578	38.14	ng	#	95
50) 2,6-Dinitrotoluene	14.37	165	309004	40.40	ng		90
51) Acenaphthene	14.87	154	1001987	35.26	ng		97
52) 3-Nitroaniline	14.70	138	189503	26.48	ng		95
53) 2,4-Dinitrophenol	14.90	184	425830	90.39	ng		96
54) Dibenzofuran	15.20	168	1562485	37.96	ng		99
55) 4-Nitrophenol	15.00	139	532489	87.99	ng		95
56) 2,4-Dinitrotoluene	15.15	165	466513	44.03	ng	#	96
57) Fluorene	15.85	166	1250695	38.08	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	451580	40.52	ng	#	98
59) Diethylphthalate	15.61	149	1409398	38.95	ng		97
60) 4-Chlorophenyl-phenylether	15.84	204	740031	37.84	ng		99
61) 4-Nitroaniline	15.87	138	306366	41.49	ng		90
62) Azobenzene	16.13	77	1448214	36.95	ng		95
64) 4,6-Dinitro-2-methylphenol	15.92	198	304223	41.04	ng		97
65) n-Nitrosodiphenylamine	16.05	169	1211034	37.65	ng		97
66) 4-Bromophenyl-phenylether	16.74	248	514462	35.88	ng		95
67) Hexachlorobenzene	16.85	284	564709	37.25	ng		94
68) Atrazine	17.01	200	454532	33.47	ng		97
69) Pentachlorophenol	17.20	266	816896	78.30	ng		98
70) Phenanthrene	17.60	178	2093987	37.15	ng		96
71) Anthracene	17.69	178	2110733	36.39	ng		97
72) Carbazole	17.96	167	1930537	39.26	ng		98
73) Di-n-butylphthalate	18.52	149	2248607	39.27	ng		97
74) Fluoranthene	19.61	202	2511310	38.68	ng		97
76) Benzidine	19.78	184	1299668	99.72	ng		99
77) Pyrene	19.97	202	2534018	38.87	ng		95
79) Butylbenzylphthalate	20.84	149	1117017	39.58	ng		98
80) Benzo(a)anthracene	21.84	228	2665838	39.36	ng		98
81) 3,3'-Dichlorobenzidine	21.74	252	596489	21.32	ng	#	98
82) Chrysene	21.91	228	2491195	39.14	ng		93
83) Bis(2-ethylhexyl)phthalate	21.73	149	1487119	37.42	ng		99
84) Di-n-octyl phthalate	22.99	149	2438280	37.22	ng		99
85) Indeno(1,2,3-cd)pyrene	29.07	276	3197709	38.23	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	2863303m	38.57	ng		
88) Benzo(k)fluoranthene	24.22	252	2754991	39.26	ng	#	96
89) Benzo(a)pyrene	25.06	252	2783631	38.47	ng		95
90) Dibenzo(a,h)anthracene	29.14	278	2670540	39.20	ng	#	96
91) Benzo(g,h,i)perylene	30.28	276	2661212	38.38	ng	#	97

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

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