Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
Data File : BG023281.D
Acq On : 27 Jul 2016 13:43
Operator : UM/SJ
Sample : PB92399BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB92399BSD

Manual Integrations APPROVED
sohil
7/28/2016 4:58:12 PM

Quant Time: Jul 28 02:13:08 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	197329	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	874131	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	573320	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	1295778	20.00	ng		0.00
75) Chrysene-d12	21.90	240	1285436	20.00	ng		0.00
86) Perylene-d12	25.30	264	1294347	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	972740	84.15	ng		0.00
7) Phenol-d6	7.29	99	1384187	78.00	ng		0.00
23) Nitrobenzene-d5	9.31	82	1300233	72.74	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	496861	83.73	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2468037	80.57	ng		0.00
78) Terphenyl-d14	20.18	244	3031153	76.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	168022	33.89	ng	#	89
3) Pyridine	3.93	79	509148	29.34	ng	#	93
4) n-Nitrosodimethylamine	3.85	42	208722	26.62	ng	#	58
6) Aniline	7.45	93	657817	27.75	ng		92
8) 2-Chlorophenol	7.70	128	512235	39.72	ng		92
9) Benzaldehyde	7.26	77	109421	8.58	ng		96
10) Phenol	7.32	94	755474	40.35	ng	#	78
11) bis(2-Chloroethyl)ether	7.55	93	535891	33.67	ng		90
12) 1,3-Dichlorobenzene	8.02	146	518052	35.65	ng	#	92
13) 1,4-Dichlorobenzene	8.17	146	527713	35.59	ng		93
14) 1,2-Dichlorobenzene	8.49	146	511978	35.80	ng		91
15) Benzyl Alcohol	8.37	79	500502	41.91	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	8.67	45	755014	29.81	ng		89
17) 2-Methylphenol	8.59	107	490210	38.30	ng	#	82
18) Hexachloroethane	9.23	117	203945	33.02	ng		95
19) n-Nitroso-di-n-propylamine	8.94	70	489736	30.68	ng		99
20) 3+4-Methylphenols	8.91	107	696585	40.03	ng		86
22) Acetophenone	8.97	105	788738	34.56	ng	#	89
24) Nitrobenzene	9.36	77	681933	32.85	ng	#	87
25) Isophorone	9.88	82	1251260	33.89	ng	#	92
26) 2-Nitrophenol	10.08	139	290337	37.03	ng	#	71
27) 2,4-Dimethylphenol	10.13	122	536342	40.59	ng	#	79
28) bis(2-Chloroethoxy)methane	10.37	93	763224	36.84	ng		97
29) 2,4-Dichlorophenol	10.62	162	540968	42.28	ng		99
30) 1,2,4-Trichlorobenzene	10.83	180	524834	37.12	ng		100
31) Naphthalene	11.02	128	1507929	37.13	ng		98
32) Benzoic acid	10.26	122	301260	31.38	ng	#	89
33) 4-Chloroaniline	11.14	127	217962	11.62	ng	#	88
34) Hexachlorobutadiene	11.30	225	316128	34.11	ng		95
35) Caprolactam	11.91	113	206577m	37.97	ng		
36) 4-Chloro-3-methylphenol	12.26	107	630248	37.50	ng		89
37) 2-Methylnaphthalene	12.63	142	1147783m	38.11	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	587217	31.64	ng		98
40) Hexachlorocyclopentadiene	12.97	237	753173	85.63	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	437991	40.18	ng		99
43) 2,4,5-Trichlorophenol	13.32	196	460484	39.82	ng		91
45) 1,1'-Biphenyl	13.63	154	1514142	37.87	ng		93
46) 2-Chloronaphthalene	13.69	162	1196279	37.34	ng		96
47) 2-Nitroaniline	13.89	65	488415	36.03	ng	#	90
48) Acenaphthylene	14.53	152	1887369	38.47	ng		97
49) Dimethylphthalate	14.26	163	1535247	36.29	ng	#	96
50) 2,6-Dinitrotoluene	14.38	165	366741	37.02	ng	#	80
51) Acenaphthene	14.87	154	1197901	37.64	ng		95
52) 3-Nitroaniline	14.72	138	243153	24.37	ng	#	74
53) 2,4-Dinitrophenol	14.92	184	449205	77.43	ng	#	82
54) Dibenzofuran	15.21	168	1835042	40.76	ng		96
55) 4-Nitrophenol	15.03	139	651247	75.24	ng	#	75
56) 2,4-Dinitrotoluene	15.17	165	534997	38.35	ng	#	88
57) Fluorene	15.86	166	1522316	38.29	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	427942	43.71	ng		93
59) Diethylphthalate	15.62	149	1588399	36.65	ng		98
60) 4-Chlorophenyl-phenylether	15.85	204	795050	36.94	ng		98
61) 4-Nitroaniline	15.89	138	403078	38.52	ng	#	58
62) Azobenzene	16.14	77	1759166	39.15	ng		90
64) 4,6-Dinitro-2-methylphenol	15.94	198	319046	38.34	ng		96
65) n-Nitrosodiphenylamine	16.06	169	1403370	40.57	ng		93
66) 4-Bromophenyl-phenylether	16.75	248	532679	40.66	ng		95
67) Hexachlorobenzene	16.87	284	539629	40.96	ng		94
68) Atrazine	17.02	200	523771	39.47	ng		97
69) Pentachlorophenol	17.22	266	665080	81.80	ng		97
70) Phenanthrene	17.62	178	2362344	41.68	ng		93
71) Anthracene	17.71	178	2418644	42.23	ng		95
72) Carbazole	17.98	167	2232142	42.56	ng		97
73) Di-n-butylphthalate	18.52	149	2421806	41.38	ng		96
74) Fluoranthene	19.62	202	2582830	39.93	ng		91
76) Benzidine	19.81	184	1510176	41.77	ng		99
77) Pyrene	19.99	202	2654922	36.39	ng		97
79) Butylbenzylphthalate	20.86	149	1210260	37.71	ng		97
80) Benzo(a)anthracene	21.87	228	2544364	37.81	ng		99
81) 3,3'-Dichlorobenzidine	21.78	252	611776	22.42	ng	#	98
82) Chrysene	21.94	228	2399635	36.91	ng		94
83) Bis(2-ethylhexyl)phthalate	21.75	149	1652451	36.80	ng	#	97
84) Di-n-octyl phthalate	23.03	149	2747032	37.40	ng		99
85) Indeno(1,2,3-cd)pyrene	29.19	276	3175684	41.87	ng	#	100
87) Benzo(b)fluoranthene	24.21	252	2719701	39.55	ng	#	93
88) Benzo(k)fluoranthene	24.28	252	2574250	37.45	ng	#	92
89) Benzo(a)pyrene	25.14	252	2610608	38.74	ng	#	95
90) Dibenzo(a,h)anthracene	29.27	278	2624392	41.17	ng	#	89
91) Benzo(g,h,i)perylene	30.42	276	2634645	39.26	ng	#	88

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

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