Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
Data File : BG023280.D
Acq On : 27 Jul 2016 13:03
Operator : UM/SJ
Sample : PB92399BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB92399BS

Manual Integrations APPROVED
sohil
7/28/2016 4:58:06 PM

Quant Time: Jul 28 02:08:20 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	191349	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	832973	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	553574	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	1292702	20.00	ng		0.00
75) Chrysene-d12	21.90	240	1290122	20.00	ng		0.00
86) Perylene-d12	25.30	264	1319419	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	956587	85.34	ng		0.00
7) Phenol-d6	7.29	99	1365398	79.35	ng		0.00
23) Nitrobenzene-d5	9.31	82	1289072	75.68	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	498336	86.98	ng		0.00
44) 2-Fluorobiphenyl	13.43	172	2473894	83.64	ng		0.00
78) Terphenyl-d14	20.18	244	3122343	78.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	157080	32.68	ng	#	91
3) Pyridine	3.93	79	520033	30.91	ng	#	93
4) n-Nitrosodimethylamine	3.85	42	217932	28.67	ng	#	67
6) Aniline	7.45	93	811197	35.29	ng		97
8) 2-Chlorophenol	7.70	128	523190	41.84	ng		96
9) Benzaldehyde	7.26	77	106340	8.60	ng		92
10) Phenol	7.32	94	776856	42.78	ng	#	77
11) bis(2-Chloroethyl)ether	7.55	93	549387	35.60	ng		88
12) 1,3-Dichlorobenzene	8.02	146	541349	38.41	ng	#	91
13) 1,4-Dichlorobenzene	8.17	146	551131	38.33	ng		92
14) 1,2-Dichlorobenzene	8.49	146	532914	38.43	ng		94
15) Benzyl Alcohol	8.37	79	547807	47.30	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	8.67	45	786560	32.03	ng		89
17) 2-Methylphenol	8.58	107	512817	41.32	ng	#	86
18) Hexachloroethane	9.23	117	206944	34.55	ng		93
19) n-Nitroso-di-n-propylamine	8.94	70	495256	32.00	ng		99
20) 3+4-Methylphenols	8.91	107	715670	42.41	ng		89
22) Acetophenone	8.97	105	836679	38.47	ng	#	89
24) Nitrobenzene	9.35	77	716247	36.21	ng	#	85
25) Isophorone	9.88	82	1309148	37.21	ng	#	92
26) 2-Nitrophenol	10.08	139	299855	40.14	ng	#	69
27) 2,4-Dimethylphenol	10.13	122	549099	43.60	ng	#	82
28) bis(2-Chloroethoxy)methane	10.37	93	796429	40.35	ng		100
29) 2,4-Dichlorophenol	10.62	162	548067	44.95	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	541944	40.22	ng		99
31) Naphthalene	11.02	128	1580319	40.83	ng		96
32) Benzoic acid	10.27	122	322337	34.24	ng	#	86
33) 4-Chloroaniline	11.13	127	576180	32.22	ng		93
34) Hexachlorobutadiene	11.31	225	325538	36.87	ng		94
35) Caprolactam	11.91	113	217825m	42.02	ng		
36) 4-Chloro-3-methylphenol	12.26	107	638384	39.86	ng		92
37) 2-Methylnaphthalene	12.63	142	1178214m	41.06	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	599971	33.48	ng		97
40) Hexachlorocyclopentadiene	12.97	237	773259	91.05	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	453672	43.10	ng		99
43) 2,4,5-Trichlorophenol	13.31	196	482578	43.21	ng		92
45) 1,1'-Biphenyl	13.64	154	1562661	40.47	ng		92
46) 2-Chloronaphthalene	13.68	162	1249515	40.39	ng		95
47) 2-Nitroaniline	13.89	65	502775	38.42	ng	#	84
48) Acenaphthylene	14.53	152	1964486	41.48	ng		95
49) Dimethylphthalate	14.25	163	1612348	39.47	ng		97
50) 2,6-Dinitrotoluene	14.38	165	387006	40.46	ng	#	79
51) Acenaphthene	14.87	154	1249761	40.68	ng		97
52) 3-Nitroaniline	14.72	138	382861	39.74	ng	#	79
53) 2,4-Dinitrophenol	14.92	184	475890	84.96	ng	#	85
54) Dibenzofuran	15.21	168	1910876	43.95	ng		95
55) 4-Nitrophenol	15.03	139	709380	84.88	ng	#	73
56) 2,4-Dinitrotoluene	15.17	165	558559	41.47	ng		92
57) Fluorene	15.86	166	1588699	41.39	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	446920	47.27	ng		92
59) Diethylphthalate	15.62	149	1660425	39.68	ng		96
60) 4-Chlorophenyl-phenylether	15.85	204	813723	39.16	ng		99
61) 4-Nitroaniline	15.89	138	448333	44.38	ng	#	60
62) Azobenzene	16.15	77	1854051	42.74	ng		89
64) 4,6-Dinitro-2-methylphenol	15.94	198	337986	40.71	ng		92
65) n-Nitrosodiphenylamine	16.06	169	1466201	42.48	ng		93
66) 4-Bromophenyl-phenylether	16.75	248	553967	42.38	ng		95
67) Hexachlorobenzene	16.87	284	565543	43.03	ng		98
68) Atrazine	17.02	200	560940	42.37	ng		96
69) Pentachlorophenol	17.22	266	704924	86.91	ng		98
70) Phenanthrene	17.61	178	2485740	43.96	ng		93
71) Anthracene	17.71	178	2547666	44.59	ng		93
72) Carbazole	17.98	167	2382465	45.53	ng		95
73) Di-n-butylphthalate	18.52	149	2596415	44.47	ng		97
74) Fluoranthene	19.62	202	2794194	43.30	ng		90
76) Benzidine	19.81	184	2353692	64.87	ng		94
77) Pyrene	19.99	202	2808827	38.36	ng		93
79) Butylbenzylphthalate	20.87	149	1317125	40.89	ng		97
80) Benzo(a)anthracene	21.87	228	2756478	40.81	ng		97
81) 3,3'-Dichlorobenzidine	21.79	252	898824	32.82	ng	#	94
82) Chrysene	21.94	228	2622965	40.19	ng		93
83) Bis(2-ethylhexyl)phthalate	21.76	149	1807753	40.11	ng		96
84) Di-n-octyl phthalate	23.03	149	2987679	40.52	ng		99
85) Indeno(1,2,3-cd)pyrene	29.20	276	3532583	46.41	ng	#	100
87) Benzo(b)fluoranthene	24.22	252	3014089	43.00	ng	#	95
88) Benzo(k)fluoranthene	24.29	252	2819341	40.24	ng	#	93
89) Benzo(a)pyrene	25.14	252	2890680	42.09	ng	#	93
90) Dibenzo(a,h)anthracene	29.27	278	2899914	44.63	ng	#	88
91) Benzo(g,h,i)perylene	30.43	276	2919940	42.69	ng	#	86

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

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