Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
Data File : BG021766.D
Acq On : 19 Apr 2016 22:17
Operator : UM/SJ
Sample : H2620-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B2(9-13)-CMSD

Manual Integrations APPROVED
Sohil
4/20/2016 1:38:45 PM

Quant Time: Apr 20 11:53:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	26281	20.00	ng		-0.01
21) Naphthalene-d8	11.03	136	126060	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	84668	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	183118	20.00	ng		0.00
75) Chrysene-d12	21.83	240	198549	20.00	ng		0.00
86) Perylene-d12	25.17	264	197113	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	222677	141.10	ng		0.00
7) Phenol-d6	7.37	99	342276	145.19	ng		0.01
23) Nitrobenzene-d5	9.38	82	204870	83.53	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	137177	150.33	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	480573	83.16	ng		0.00
78) Terphenyl-d14	20.14	244	632799	79.53	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	19597	27.90	ng	#	87
3) Pyridine	4.03	79	65492	31.07	ng	#	90
4) n-Nitrosodimethylamine	3.94	42	35717	34.19	ng	#	85
6) Aniline	7.54	93	102431	32.85	ng		94
8) 2-Chlorophenol	7.78	128	86347	45.64	ng		95
9) Benzaldehyde	7.35	77	19980	14.66	ng		94
10) Phenol	7.39	94	120759	47.63	ng		99
11) bis(2-Chloroethyl)ether	7.62	93	80462	39.65	ng		92
12) 1,3-Dichlorobenzene	8.10	146	80784	38.23	ng		96
13) 1,4-Dichlorobenzene	8.25	146	83229	38.69	ng		94
14) 1,2-Dichlorobenzene	8.57	146	83239	40.33	ng		96
15) Benzyl Alcohol	8.45	79	86086	47.78	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.74	45	151565	34.87	ng		99
17) 2-Methylphenol	8.65	107	83376	47.56	ng		92
18) Hexachloroethane	9.30	117	30972	39.56	ng	#	78
19) n-Nitroso-di-n-propylamine	9.02	70	73853	40.32	ng	#	95
20) 3+4-Methylphenols	8.98	107	116630	48.62	ng		97
22) Acetophenone	9.04	105	136434	38.86	ng	#	96
24) Nitrobenzene	9.43	77	106310	40.48	ng		94
25) Isophorone	9.94	82	211484	39.40	ng		99
26) 2-Nitrophenol	10.14	139	50936	50.81	ng		96
27) 2,4-Dimethylphenol	10.19	122	93265	40.95	ng		99
28) bis(2-Chloroethoxy)methane	10.42	93	120916	42.39	ng		93
29) 2,4-Dichlorophenol	10.67	162	94941	48.90	ng		97
30) 1,2,4-Trichlorobenzene	10.89	180	89239	42.74	ng		94
31) Naphthalene	11.08	128	282672	41.90	ng	#	96
33) 4-Chloroaniline	11.18	127	81881	28.04	ng		98
34) Hexachlorobutadiene	11.35	225	56529	41.98	ng		97
35) Caprolactam	11.95	113	35889m	40.39	ng		
36) 4-Chloro-3-methylphenol	12.29	107	114613	46.94	ng		96
37) 2-Methylnaphthalene	12.67	142	217082	46.87	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	112112	42.37	ng		99
40) Hexachlorocyclopentadiene	13.01	237	114915	78.18	ng		98
42) 2,4,6-Trichlorophenol	13.26	196	79122	46.89	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.34	196	85355	46.88	ng		98
45) 1,1'-Biphenyl	13.66	154	286417	40.15	ng		97
46) 2-Chloronaphthalene	13.71	162	221818	42.06	ng		98
47) 2-Nitroaniline	13.90	65	80419	44.47	ng		97
48) Acenaphthylene	14.55	152	361410	41.45	ng		99
49) Dimethylphthalate	14.27	163	359805	49.15	ng		99
50) 2,6-Dinitrotoluene	14.39	165	64577	46.26	ng		96
51) Acenaphthene	14.89	154	228529	41.00	ng		98
52) 3-Nitroaniline	14.73	138	59977	38.74	ng		97
53) 2,4-Dinitrophenol	14.93	184	12699	28.90	ng	#	84
54) Dibenzofuran	15.22	168	355860	46.75	ng		99
55) 4-Nitrophenol	15.03	139	110623	83.46	ng		93
56) 2,4-Dinitrotoluene	15.18	165	91530	48.52	ng		92
57) Fluorene	15.87	166	286573	42.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.44	232	75867	50.22	ng		100
59) Diethylphthalate	15.62	149	302825	39.63	ng		97
60) 4-Chlorophenyl-phenylether	15.85	204	140760	42.04	ng		97
61) 4-Nitroaniline	15.88	138	69236	40.65	ng		97
62) Azobenzene	16.14	77	284303	43.42	ng		97
64) 4,6-Dinitro-2-methylphenol	15.94	198	28825	38.94	ng		95
65) n-Nitrosodiphenylamine	16.07	169	258908	47.14	ng		97
66) 4-Bromophenyl-phenylether	16.74	248	92603	47.20	ng		94
67) Hexachlorobenzene	16.86	284	96648	46.66	ng		95
68) Atrazine	17.00	200	95601	44.08	ng		98
69) Pentachlorophenol	17.21	266	103700	87.70	ng		95
70) Phenanthrene	17.60	178	441149	43.71	ng		98
71) Anthracene	17.69	178	445718	43.50	ng		97
72) Carbazole	17.96	167	409603	42.83	ng		99
73) Di-n-butylphthalate	18.50	149	491886	40.44	ng		99
74) Fluoranthene	19.60	202	493541	40.95	ng		99
76) Benzidine	19.77	184	240735	38.94	ng		99
77) Pyrene	19.96	202	507073	44.29	ng		99
79) Butylbenzylphthalate	20.82	149	226247	42.57	ng		99
80) Benzo(a)anthracene	21.81	228	497976	43.58	ng		99
81) 3,3'-Dichlorobenzidine	21.72	252	107634	11.90	ng		99
82) Chrysene	21.88	228	457278	41.66	ng		99
83) Bis(2-ethylhexyl)phthalate	21.69	149	323937	41.67	ng		99
84) Di-n-octyl phthalate	22.94	149	559185	42.94	ng		98
85) Indeno(1,2,3-cd)pyrene	28.99	276	574318	44.01	ng	#	94
87) Benzo(b)fluoranthene	24.10	252	505434	44.19	ng		98
88) Benzo(k)fluoranthene	24.17	252	469697	42.00	ng		98
89) Benzo(a)pyrene	25.01	252	482831	43.57	ng		98
90) Dibenzo(a,h)anthracene	29.06	278	481606	43.35	ng		97
91) Benzo(g,h,i)perylene	30.19	276	472537	43.34	ng		97

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

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