Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
Data File : BG030547.D
Acq On : 29 Oct 2017 4:41
Operator : SJ/JU
Sample : I6080-15MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MSD

Manual Integrations APPROVED
Sohil
10/30/2017 6:26:18 PM

Quant Time: Oct 30 07:38:59 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	68408	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	307000	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	205965	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	497004	20.00	ng		0.00
75) Chrysene-d12	21.80	240	521180	20.00	ng		0.00
86) Perylene-d12	25.10	264	527950	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	657854	160.65	ng		0.00
7) Phenol-d6	7.32	99	823898	143.34	ng		0.00
23) Nitrobenzene-d5	9.33	82	538433	111.45	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	474976	178.61	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1384949	98.62	ng		0.00
78) Terphenyl-d14	20.11	244	2208913	96.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	86081	51.811	ng		83
3) Pyridine	4.00	79	205362	42.445	ng		91
4) n-Nitrosodimethylamine	3.90	42	113440	50.158	ng	#	90
6) Aniline	7.49	93	207030	29.087	ng		95
8) 2-Chlorophenol	7.73	128	254303	54.179	ng		91
9) Benzaldehyde	7.29	77	125366	43.363	ng		91
10) Phenol	7.35	94	310187	50.056	ng		92
11) bis(2-Chloroethyl)ether	7.58	93	241176	53.419	ng		91
12) 1,3-Dichlorobenzene	8.05	146	276662	52.501	ng		97
13) 1,4-Dichlorobenzene	8.20	146	278879	51.834	ng		96
14) 1,2-Dichlorobenzene	8.52	146	264971	51.060	ng		98
15) Benzyl Alcohol	8.40	79	238303	58.832	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.69	45	391549	51.067	ng		94
17) 2-Methylphenol	8.61	107	226816	55.100	ng		97
18) Hexachloroethane	9.26	117	96613	52.693	ng		97
19) n-Nitroso-di-n-propylamine	8.97	70	209303	53.554	ng	#	96
20) 3+4-Methylphenols	8.93	107	317955	54.818	ng		95
22) Acetophenone	8.99	105	385996	52.172	ng	#	92
24) Nitrobenzene	9.37	77	289552	53.306	ng		92
25) Isophorone	9.90	82	592750	58.773	ng	#	94
26) 2-Nitrophenol	10.09	139	154160	59.381	ng		88
27) 2,4-Dimethylphenol	10.14	122	265854	56.600	ng		94
28) bis(2-Chloroethoxy)methane	10.37	93	356244	57.605	ng		96
29) 2,4-Dichlorophenol	10.63	162	294646	58.825	ng		93
30) 1,2,4-Trichlorobenzene	10.84	180	291638	53.894	ng		100
31) Naphthalene	11.03	128	795326	51.981	ng		98
32) Benzoic acid	10.27	122	108498	27.587	ng		86
33) 4-Chloroaniline	11.14	127	71895	11.171	ng		95
34) Hexachlorobutadiene	11.31	225	183455	54.527	ng		96
35) Caprolactam	11.91	113	89658m	53.859	ng		
36) 4-Chloro-3-methylphenol	12.25	107	311908	56.618	ng		88
37) 2-Methylnaphthalene	12.62	142	623001	55.869	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	350516	46.612	ng		98
40) Hexachlorocyclopentadiene	12.97	237	378739	129.869	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	260380	55.158	ng		98
43) 2,4,5-Trichlorophenol	13.30	196	283781	58.536	ng		95
45) 1,1'-Biphenyl	13.62	154	840874	47.498	ng		96
46) 2-Chloronaphthalene	13.67	162	656972	50.876	ng		97
47) 2-Nitroaniline	13.86	65	211993	59.769	ng	#	84
48) Acenaphthylene	14.51	152	1045595	51.738	ng		98
49) Dimethylphthalate	14.23	163	973570	60.583	ng		99
50) 2,6-Dinitrotoluene	14.36	165	206735	61.368	ng	#	79
51) Acenaphthene	14.85	154	652616	49.632	ng		99
52) 3-Nitroaniline	14.68	138	122583	33.722	ng	#	80
53) 2,4-Dinitrophenol	14.89	184	110083	61.054	ng	#	52
54) Dibenzofuran	15.18	168	1045863	55.716	ng		98
55) 4-Nitrophenol	14.99	139	302900	101.071	ng	#	82
56) 2,4-Dinitrotoluene	15.14	165	291901	64.009	ng	#	76
57) Fluorene	15.83	166	830340	53.547	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	271109	67.029	ng		94
59) Diethylphthalate	15.59	149	903771	56.432	ng		97
60) 4-Chlorophenyl-phenylether	15.81	204	472074	57.098	ng		96
61) 4-Nitroaniline	15.84	138	213401	57.171	ng		86
62) Azobenzene	16.11	77	788320	58.372	ng		95
64) 4,6-Dinitro-2-methylphenol	15.90	198	115587	41.637	ng		84
65) n-Nitrosodiphenylamine	16.03	169	773591	51.960	ng		99
66) 4-Bromophenyl-phenylether	16.71	248	319146	55.961	ng		100
67) Hexachlorobenzene	16.83	284	338196	52.353	ng		99
68) Atrazine	16.97	200	307438	57.873	ng		98
69) Pentachlorophenol	17.17	266	344476	92.827	ng		98
70) Phenanthrene	17.57	178	1353097	52.700	ng		95
71) Anthracene	17.66	178	1383468	53.661	ng		97
72) Carbazole	17.92	167	1274524	51.463	ng		98
73) Di-n-butylphthalate	18.46	149	1488176	52.246	ng		98
74) Fluoranthene	19.56	202	1641069	54.646	ng		94
76) Benzidine	19.73	184	167638	10.653	ng		99
77) Pyrene	19.92	202	1679874	53.134	ng		94
79) Butylbenzylphthalate	20.79	149	715975	53.155	ng		89
80) Benzo(a)anthracene	21.78	228	1700202	55.563	ng		96
81) 3,3'-Dichlorobenzidine	21.68	252	412386	32.651	ng		100
82) Chrysene	21.85	228	1594514	54.412	ng		96
83) Bis(2-ethylhexyl)phthalate	21.66	149	1009207	52.207	ng		99
84) Di-n-octyl phthalate	22.90	149	1709784	50.750	ng		97
85) Indeno(1,2,3-cd)pyrene	28.90	276	2062038	57.196	ng		97
87) Benzo(b)fluoranthene	24.06	252	1736342	57.446	ng		99
88) Benzo(k)fluoranthene	24.12	252	1699226	56.429	ng		98
89) Benzo(a)pyrene	24.96	252	1672851	57.571	ng		98
90) Dibenzo(a,h)anthracene	28.97	278	1721036	58.504	ng		96
91) Benzo(g,h,i)perylene	30.11	276	1707750	62.479	ng		98

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

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