Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041117\
Data File : BG026629.D
Acq On : 11 Apr 2017 23:05
Operator : SJ/MA
Sample : I2595-03MSD
Misc : For Confirmation
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GRID-1MSD

Manual Integrations APPROVED
mohammad
4/12/2017 5:13:09 PM

Quant Time: Apr 12 06:42:58 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	163219	20.00	ng		-0.01
21) Naphthalene-d8	10.83	136	681684	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	435351	20.00	ng		-0.01
63) Phenanthrene-d10	17.38	188	1075690	20.00	ng		-0.01
75) Chrysene-d12	21.62	240	1208919	20.00	ng		-0.01
86) Perylene-d12	24.79	264	1185784	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1302176	141.60	ng		0.00
7) Phenol-d6	7.20	99	1633656	132.33	ng		0.00
23) Nitrobenzene-d5	9.19	82	980224	86.46	ng		-0.01
41) 2,4,6-Tribromophenol	16.12	330	879923	176.50	ng		-0.01
44) 2-Fluorobiphenyl	13.27	172	2698506	86.93	ng		-0.01
78) Terphenyl-d14	19.97	244	3866104	77.67	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	146676	35.54	ng	#	73
3) Pyridine	3.91	79	373881	33.07	ng	#	61
4) n-Nitrosodimethylamine	3.81	42	124466	40.28	ng	#	1
6) Aniline	7.36	93	346431	21.01	ng	#	84
8) 2-Chlorophenol	7.61	128	502647	48.54	ng	#	78
9) Benzaldehyde	7.17	77	70057	8.41	ng	#	62
10) Phenol	7.23	94	553022	41.98	ng	#	69
11) bis(2-Chloroethyl)ether	7.45	93	463915	42.94	ng	#	78
12) 1,3-Dichlorobenzene	7.92	146	534012	43.32	ng	#	85
13) 1,4-Dichlorobenzene	8.07	146	544525	43.67	ng	#	93
14) 1,2-Dichlorobenzene	8.39	146	521626	43.71	ng	#	91
15) Benzyl Alcohol	8.27	79	359856	44.46	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	8.56	45	426731	35.57	ng		78
17) 2-Methylphenol	8.48	107	422404	45.15	ng	#	81
18) Hexachloroethane	9.12	117	168115	41.23	ng		93
19) n-Nitroso-di-n-propylamine	8.83	70	325625	41.03	ng	#	69
20) 3+4-Methylphenols	8.80	107	592054	45.96	ng	#	83
22) Acetophenone	8.85	105	708596	45.20	ng	#	74
24) Nitrobenzene	9.23	77	498829	44.56	ng	#	71
25) Isophorone	9.76	82	945782	44.26	ng	#	87
26) 2-Nitrophenol	9.95	139	295131	50.67	ng	#	60
27) 2,4-Dimethylphenol	10.00	122	497255	52.01	ng		85
28) bis(2-Chloroethoxy)methane	10.23	93	617353	44.47	ng	#	98
29) 2,4-Dichlorophenol	10.48	162	542070	56.06	ng		92
30) 1,2,4-Trichlorobenzene	10.70	180	519761	47.85	ng		100
31) Naphthalene	10.88	128	1575676	45.72	ng		100
32) Benzoic acid	10.15	122	314760	42.79	ng	#	69
34) Hexachlorobutadiene	11.17	225	298895	46.64	ng		99
35) Caprolactam	11.75	113	164866m	43.27	ng		
36) 4-Chloro-3-methylphenol	12.11	107	541702	52.37	ng	#	72
37) 2-Methylnaphthalene	12.48	142	1213751	48.08	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	587805	44.87	ng		97
40) Hexachlorocyclopentadiene	12.83	237	638997	92.68	ng		95
42) 2,4,6-Trichlorophenol	13.09	196	442407	51.58	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.16	196	484422	51.10	ng	#	89
45) 1,1'-Biphenyl	13.48	154	1576584	43.73	ng		99
46) 2-Chloronaphthalene	13.53	162	1192022	45.27	ng		96
47) 2-Nitroaniline	13.72	65	305587	40.81	ng	#	51
48) Acenaphthylene	14.37	152	2001882	43.61	ng		99
49) Dimethylphthalate	14.10	163	1614490	49.13	ng		98
50) 2,6-Dinitrotoluene	14.22	165	394802	51.48	ng	#	57
51) Acenaphthene	14.70	154	1261876	44.64	ng		98
52) 3-Nitroaniline	14.54	138	122943	14.56	ng	#	66
53) 2,4-Dinitrophenol	14.76	184	495979	111.48	ng	#	74
54) Dibenzofuran	15.04	168	1946669	48.91	ng		90
55) 4-Nitrophenol	14.86	139	645235	93.31	ng	#	37
56) 2,4-Dinitrotoluene	15.00	165	566298	52.50	ng	#	68
57) Fluorene	15.68	166	1627958	45.96	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	456646	55.23	ng	#	95
59) Diethylphthalate	15.45	149	1629761	48.52	ng		97
60) 4-Chlorophenyl-phenylether	15.67	204	822590	49.01	ng	#	87
61) 4-Nitroaniline	15.70	138	354094	39.64	ng	#	50
62) Azobenzene	15.97	77	1262828	46.24	ng		76
64) 4,6-Dinitro-2-methylphenol	15.77	198	358158	52.81	ng		84
65) n-Nitrosodiphenylamine	15.88	169	1448603	45.89	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	566452	51.16	ng		95
67) Hexachlorobenzene	16.69	284	606124	51.32	ng	#	90
68) Atrazine	16.82	200	349044	29.21	ng		99
69) Pentachlorophenol	17.03	266	739912	96.36	ng		98
70) Phenanthrene	17.42	178	2557866	44.28	ng		99
71) Anthracene	17.51	178	2644890	44.88	ng		96
72) Carbazole	17.78	167	2492842	41.08	ng		97
73) Di-n-butylphthalate	18.32	149	2788745	44.73	ng	#	95
74) Fluoranthene	19.42	202	3026624	44.56	ng		96
76) Benzidine	19.63	184	85853	2.06	ng		95
77) Pyrene	19.78	202	3077051	43.96	ng		95
79) Butylbenzylphthalate	20.65	149	1328277	47.42	ng	#	84
80) Benzo(a)anthracene	21.60	228	3003970	44.16	ng		97
81) 3,3'-Dichlorobenzidine	21.51	252	204582	7.35	ng		99
82) Chrysene	21.67	228	2756939	42.42	ng		97
83) Bis(2-ethylhexyl)phthalate	21.50	149	1881271	44.47	ng		96
84) Di-n-octyl phthalate	22.69	149	3160698	43.78	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.42	276	3875554	48.29	ng	#	88
87) Benzo(b)fluoranthene	23.79	252	3301638	47.23	ng	#	95
88) Benzo(k)fluoranthene	23.85	252	3134266	46.24	ng	#	96
89) Benzo(a)pyrene	24.64	252	3119484	46.53	ng	#	96
90) Dibenzo(a,h)anthracene	28.47	278	3266713	48.21	ng	#	94
91) Benzo(g,h,i)perylene	29.54	276	3149173	46.13	ng	#	88

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

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