Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
Data File : BG026658.D
Acq On : 19 Apr 2017 15:44
Operator : SJ/MA
Sample : PB98333BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB98333BSD

Manual Integrations APPROVED
mohammad
4/20/2017 2:00:41 PM

Quant Time: Apr 20 01:32:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 18:04:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	174388	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	741090	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	457043	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	1172123	20.00	ng		-0.02
75) Chrysene-d12	21.61	240	1315324	20.00	ng		-0.02
86) Perylene-d12	24.78	264	1321290	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	882662	92.01	ng		-0.02
7) Phenol-d6	7.19	99	1163531	92.56	ng		-0.02
23) Nitrobenzene-d5	9.19	82	909558	85.64	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	550613	86.46	ng		-0.02
44) 2-Fluorobiphenyl	13.27	172	2494744	81.29	ng		-0.02
78) Terphenyl-d14	19.97	244	3710721	83.29	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	114485	22.82	ng	#	68
3) Pyridine	3.88	79	346610	30.86	ng	#	62
4) n-Nitrosodimethylamine	3.79	42	117939	36.11	ng	#	1
6) Aniline	7.35	93	553866	35.28	ng	#	86
8) 2-Chlorophenol	7.60	128	488510	42.68	ng	#	79
9) Benzaldehyde	7.17	77	56836	6.67	ng	#	75
10) Phenol	7.22	94	596815	43.64	ng	#	69
11) bis(2-Chloroethyl)ether	7.44	93	425964	39.13	ng	#	79
12) 1,3-Dichlorobenzene	7.92	146	517323	38.35	ng	#	85
13) 1,4-Dichlorobenzene	8.07	146	522016	38.09	ng	#	93
14) 1,2-Dichlorobenzene	8.38	146	509070	39.32	ng	#	88
15) Benzyl Alcohol	8.26	79	346282	44.05	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	8.56	45	405883	38.53	ng		79
17) 2-Methylphenol	8.47	107	417570	43.57	ng	#	80
18) Hexachloroethane	9.11	117	166410	38.49	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	302005	38.76	ng	#	70
20) 3+4-Methylphenols	8.79	107	576255	43.76	ng		86
22) Acetophenone	8.85	105	659918	38.97	ng	#	74
24) Nitrobenzene	9.23	77	448377	39.87	ng	#	70
25) Isophorone	9.75	82	874852	40.18	ng	#	87
26) 2-Nitrophenol	9.94	139	283259	41.57	ng	#	62
27) 2,4-Dimethylphenol	10.00	122	469361	42.68	ng		86
28) bis(2-Chloroethoxy)methane	10.23	93	577108	40.55	ng		98
29) 2,4-Dichlorophenol	10.48	162	502840	43.72	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	510396	39.81	ng		99
31) Naphthalene	10.88	128	1446269	39.76	ng		100
32) Benzoic acid	10.14	122	321432	42.86	ng	#	73
33) 4-Chloroaniline	10.99	127	220257	14.12	ng	#	82
34) Hexachlorobutadiene	11.16	225	291017	39.70	ng		97
35) Caprolactam	11.75	113	187512m	41.98	ng		
36) 4-Chloro-3-methylphenol	12.10	107	498679	43.04	ng	#	75
37) 2-Methylnaphthalene	12.47	142	1125744	40.22	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	545243	38.73	ng		98
40) Hexachlorocyclopentadiene	12.82	237	638756	89.79	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	417980	41.69	ng		96
43) 2,4,5-Trichlorophenol	13.16	196	445714	42.04	ng	#	91
45) 1,1'-Biphenyl	13.47	154	1461301	39.35	ng		98
46) 2-Chloronaphthalene	13.52	162	1120402	39.81	ng		95
47) 2-Nitroaniline	13.72	65	311247	43.30	ng	#	51
48) Acenaphthylene	14.36	152	1842608	40.71	ng		98
49) Dimethylphthalate	14.09	163	1491978	41.24	ng		99
50) 2,6-Dinitrotoluene	14.21	165	366460	43.31	ng	#	56
51) Acenaphthene	14.70	154	1156710	40.16	ng		98
52) 3-Nitroaniline	14.54	138	266682	28.90	ng	#	65
53) 2,4-Dinitrophenol	14.75	184	456924	89.75	ng	#	72
54) Dibenzofuran	15.03	168	1814105	40.41	ng	#	90
55) 4-Nitrophenol	14.85	139	678208	87.06	ng	#	38
56) 2,4-Dinitrotoluene	15.00	165	535248	44.55	ng	#	66
57) Fluorene	15.68	166	1507348	40.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.26	232	449207	41.67	ng	#	94
59) Diethylphthalate	15.44	149	1527754	41.53	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	762782	41.34	ng		87
61) 4-Nitroaniline	15.70	138	431604	43.86	ng	#	51
62) Azobenzene	15.96	77	1182384	41.66	ng		79
64) 4,6-Dinitro-2-methylphenol	15.76	198	349104	44.10	ng		85
65) n-Nitrosodiphenylamine	15.88	169	1373740	40.63	ng		98
66) 4-Bromophenyl-phenylether	16.56	248	527985	41.23	ng		93
67) Hexachlorobenzene	16.68	284	575856	40.90	ng	#	89
68) Atrazine	16.82	200	413586	31.28	ng		98
69) Pentachlorophenol	17.03	266	730953	85.93	ng		97
70) Phenanthrene	17.41	178	2435498	40.36	ng		99
71) Anthracene	17.50	178	2533769	40.63	ng		98
72) Carbazole	17.77	167	2465352	41.28	ng		97
73) Di-n-butylphthalate	18.32	149	2723825	40.68	ng	#	96
74) Fluoranthene	19.41	202	2903323	41.49	ng		97
76) Benzidine	19.59	184	607982	19.44	ng		97
77) Pyrene	19.78	202	2931337	41.40	ng		96
79) Butylbenzylphthalate	20.65	149	1279324	41.99	ng	#	82
80) Benzo(a)anthracene	21.60	228	2921171	41.12	ng		98
81) 3,3'-Dichlorobenzidine	21.51	252	992712	33.70	ng		98
82) Chrysene	21.66	228	2701165	41.32	ng		98
83) Bis(2-ethylhexyl)phthalate	21.49	149	1805460	41.12	ng		95
84) Di-n-octyl phthalate	22.68	149	3071643	41.90	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.39	276	3779396	42.17	ng	#	88
87) Benzo(b)fluoranthene	23.78	252	3137871	41.48	ng	#	96
88) Benzo(k)fluoranthene	23.84	252	3042520	41.73	ng	#	96
89) Benzo(a)pyrene	24.63	252	3039361	41.61	ng	#	96
90) Dibenzo(a,h)anthracene	28.45	278	3210491	42.80	ng	#	94
91) Benzo(g,h,i)perylene	29.53	276	3064457	40.85	ng	#	88

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

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