Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041117\
Data File : BG026624.D
Acq On : 11 Apr 2017 19:47
Operator : SJ/MA
Sample : PB98180BS
Misc : For Confirmation
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB98180BS

Manual Integrations APPROVED
mohammad
4/12/2017 5:13:16 PM

Quant Time: Apr 12 05:53:18 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	8.04	152	169205	20.00	ng		-0.01
21) Naphthalene-d8	10.83	136	722467	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	450552	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	1086824	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	1208420	20.00	ng		-0.02
86) Perylene-d12	24.79	264	1219874	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1381211	144.88	ng		0.00
7) Phenol-d6	7.20	99	1808917	141.34	ng		0.00
23) Nitrobenzene-d5	9.19	82	958118	79.74	ng		-0.01
41) 2,4,6-Tribromophenol	16.13	330	843720	163.52	ng		-0.01
44) 2-Fluorobiphenyl	13.27	172	2671775	83.16	ng		-0.01
78) Terphenyl-d14	19.97	244	3667540	73.71	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	141624	33.10	ng	#	70
3) Pyridine	3.89	79	392825	33.52	ng	#	59
4) n-Nitrosodimethylamine	3.80	42	126466	39.48	ng	#	1
6) Aniline	7.36	93	369123	21.59	ng	#	86
8) 2-Chlorophenol	7.60	128	521237	48.56	ng	#	78
9) Benzaldehyde	7.17	77	113547	13.14	ng	#	60
10) Phenol	7.23	94	645069	47.23	ng	#	69
11) bis(2-Chloroethyl)ether	7.45	93	458799	40.96	ng	#	79
12) 1,3-Dichlorobenzene	7.93	146	553510	43.31	ng	#	85
13) 1,4-Dichlorobenzene	8.07	146	563049	43.56	ng	#	92
14) 1,2-Dichlorobenzene	8.39	146	540616	43.70	ng	#	89
15) Benzyl Alcohol	8.27	79	351976	41.95	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	8.57	45	436133	35.07	ng		78
17) 2-Methylphenol	8.48	107	450293	46.42	ng	#	79
18) Hexachloroethane	9.12	117	177098	41.90	ng		96
19) n-Nitroso-di-n-propylamine	8.84	70	332627	40.43	ng	#	69
20) 3+4-Methylphenols	8.80	107	629932	47.17	ng		84
22) Acetophenone	8.85	105	726391	43.72	ng	#	72
24) Nitrobenzene	9.24	77	489159	41.23	ng	#	69
25) Isophorone	9.75	82	951220	42.00	ng	#	89
26) 2-Nitrophenol	9.95	139	304083	49.26	ng	#	60
27) 2,4-Dimethylphenol	10.01	122	517690	51.09	ng		85
28) bis(2-Chloroethoxy)methane	10.23	93	626591	42.59	ng	#	97
29) 2,4-Dichlorophenol	10.48	162	545811	53.26	ng		93
30) 1,2,4-Trichlorobenzene	10.70	180	552322	47.98	ng		98
31) Naphthalene	10.89	128	1573635	43.08	ng		99
32) Benzoic acid	10.15	122	319176	40.94	ng	#	69
33) 4-Chloroaniline	11.00	127	69653	4.69	ng	#	79
34) Hexachlorobutadiene	11.17	225	317410	46.74	ng		97
35) Caprolactam	11.76	113	196553m	48.68	ng		
36) 4-Chloro-3-methylphenol	12.11	107	537616	49.04	ng	#	74
37) 2-Methylnaphthalene	12.48	142	1237242	46.24	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	594379	43.85	ng		97
40) Hexachlorocyclopentadiene	12.83	237	709875	99.48	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	445726	50.22	ng		95
43) 2,4,5-Trichlorophenol	13.16	196	486950	49.63	ng	#	90
45) 1,1'-Biphenyl	13.48	154	1590250	42.62	ng		99
46) 2-Chloronaphthalene	13.52	162	1213334	44.52	ng		97
47) 2-Nitroaniline	13.72	65	316402	40.83	ng	#	46
48) Acenaphthylene	14.36	152	1984440	41.77	ng		99
49) Dimethylphthalate	14.09	163	1592706	46.83	ng		99
50) 2,6-Dinitrotoluene	14.21	165	391268	49.30	ng	#	58
51) Acenaphthene	14.71	154	1268315	43.35	ng		99
52) 3-Nitroaniline	14.55	138	125527	14.36	ng	#	58
53) 2,4-Dinitrophenol	14.75	184	473290	102.79	ng	#	75
54) Dibenzofuran	15.04	168	1937548	47.04	ng	#	89
55) 4-Nitrophenol	14.86	139	678052	94.75	ng	#	38
56) 2,4-Dinitrotoluene	15.00	165	552630	49.51	ng	#	67
57) Fluorene	15.69	166	1616723	44.11	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.26	232	465216	54.37	ng	#	94
59) Diethylphthalate	15.45	149	1590766	45.77	ng		97
60) 4-Chlorophenyl-phenylether	15.68	204	811753	46.73	ng		88
61) 4-Nitroaniline	15.70	138	416534	45.06	ng	#	50
62) Azobenzene	15.96	77	1255724	44.43	ng		77
64) 4,6-Dinitro-2-methylphenol	15.76	198	354906	51.80	ng		84
65) n-Nitrosodiphenylamine	15.89	169	1456638	45.67	ng		98
66) 4-Bromophenyl-phenylether	16.56	248	555703	49.68	ng		95
67) Hexachlorobenzene	16.69	284	591339	49.56	ng	#	89
68) Atrazine	16.83	200	512312	42.43	ng		97
69) Pentachlorophenol	17.03	266	718547	92.62	ng		95
70) Phenanthrene	17.42	178	2511122	43.03	ng		99
71) Anthracene	17.51	178	2584558	43.40	ng		97
72) Carbazole	17.77	167	2465594	40.22	ng		97
73) Di-n-butylphthalate	18.32	149	2692524	42.75	ng	#	95
74) Fluoranthene	19.42	202	2932759	42.73	ng		97
76) Benzidine	19.59	184	918485	22.04	ng		98
77) Pyrene	19.78	202	2979127	42.58	ng		97
79) Butylbenzylphthalate	20.65	149	1272013	45.43	ng	#	84
80) Benzo(a)anthracene	21.60	228	2903821	42.70	ng		97
81) 3,3'-Dichlorobenzidine	21.52	252	782055	28.09	ng		97
82) Chrysene	21.67	228	2695577	41.49	ng		99
83) Bis(2-ethylhexyl)phthalate	21.50	149	1796535	42.49	ng		96
84) Di-n-octyl phthalate	22.68	149	3086555	42.77	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.41	276	3835208	47.81	ng	#	88
87) Benzo(b)fluoranthene	23.79	252	3116735	43.34	ng	#	95
88) Benzo(k)fluoranthene	23.85	252	3099903	44.45	ng	#	96
89) Benzo(a)pyrene	24.65	252	3089644	44.79	ng	#	97
90) Dibenzo(a,h)anthracene	28.47	278	3228055	46.31	ng	#	93
91) Benzo(g,h,i)perylene	29.55	276	3187262	45.38	ng	#	89

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

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