Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041117\
Data File : BG026619.D
Acq On : 11 Apr 2017 16:28
Operator : SJ/MA
Sample : SSTDCCC040
Misc : For Confirmation
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
4/12/2017 5:12:58 PM

Quant Time: Apr 12 05:34:15 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	165512	20.00	ng		-0.01
21) Naphthalene-d8	10.83	136	700526	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	425301	20.00	ng		-0.01
63) Phenanthrene-d10	17.37	188	1004524	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	1123572	20.00	ng		-0.02
86) Perylene-d12	24.79	264	1130239	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	706652	75.78	ng		0.00
7) Phenol-d6	7.19	99	935957	74.76	ng		-0.01
23) Nitrobenzene-d5	9.19	82	882539	75.75	ng		-0.01
41) 2,4,6-Tribromophenol	16.12	330	434422	89.20	ng		-0.01
44) 2-Fluorobiphenyl	13.27	172	2339563	77.14	ng		-0.01
78) Terphenyl-d14	19.97	244	3487705	75.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	154685	36.96	ng	#	68
3) Pyridine	3.90	79	403366	35.19	ng	#	61
4) n-Nitrosodimethylamine	3.81	42	110363	35.22	ng	#	1
6) Aniline	7.36	93	560503	33.52	ng	#	86
8) 2-Chlorophenol	7.60	128	412254	39.26	ng	#	80
9) Benzaldehyde	7.17	77	340541	40.29	ng	#	69
10) Phenol	7.22	94	493351	36.93	ng	#	68
11) bis(2-Chloroethyl)ether	7.45	93	407173	37.17	ng	#	81
12) 1,3-Dichlorobenzene	7.92	146	491581	39.33	ng	#	86
13) 1,4-Dichlorobenzene	8.07	146	500375m	39.57	ng		
14) 1,2-Dichlorobenzene	8.39	146	478822	39.57	ng	#	90
15) Benzyl Alcohol	8.27	79	273074	33.27	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	8.56	45	398963	32.79	ng		80
17) 2-Methylphenol	8.48	107	361761	38.13	ng	#	80
18) Hexachloroethane	9.12	117	157715	38.14	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	293699	36.49	ng	#	70
20) 3+4-Methylphenols	8.80	107	503922	38.58	ng		86
22) Acetophenone	8.85	105	629628	39.08	ng	#	73
24) Nitrobenzene	9.23	77	432007	37.55	ng	#	69
25) Isophorone	9.76	82	825095	37.58	ng	#	89
26) 2-Nitrophenol	9.94	139	256232	42.81	ng	#	63
27) 2,4-Dimethylphenol	10.00	122	399620	40.67	ng	#	84
28) bis(2-Chloroethoxy)methane	10.23	93	544270	38.15	ng	#	96
29) 2,4-Dichlorophenol	10.48	162	428288	43.10	ng		93
30) 1,2,4-Trichlorobenzene	10.70	180	475461	42.60	ng		96
31) Naphthalene	10.88	128	1401892	39.58	ng		100
32) Benzoic acid	10.14	122	250162	33.09	ng	#	70
33) 4-Chloroaniline	10.99	127	583421	40.50	ng	#	80
34) Hexachlorobutadiene	11.17	225	280682	42.62	ng		98
35) Caprolactam	11.75	113	152380	38.92	ng	#	53
36) 4-Chloro-3-methylphenol	12.11	107	418673	39.39	ng	#	74
37) 2-Methylnaphthalene	12.48	142	1056813	40.73	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	536305	41.91	ng	#	97
40) Hexachlorocyclopentadiene	12.83	237	271926	40.37	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	339751	40.55	ng		97
43) 2,4,5-Trichlorophenol	13.16	196	384562	41.52	ng	#	91
45) 1,1'-Biphenyl	13.48	154	1367887	38.84	ng		98
46) 2-Chloronaphthalene	13.52	162	1008954	39.22	ng		97
47) 2-Nitroaniline	13.72	65	259559	35.48	ng	#	50
48) Acenaphthylene	14.36	152	1728014	38.53	ng		99
49) Dimethylphthalate	14.09	163	1267195	39.48	ng		98
50) 2,6-Dinitrotoluene	14.21	165	316855	42.29	ng	#	57
51) Acenaphthene	14.70	154	1071691	38.81	ng		98
52) 3-Nitroaniline	14.54	138	330927	40.12	ng	#	66
53) 2,4-Dinitrophenol	14.75	184	165413	38.06	ng	#	74
54) Dibenzofuran	15.04	168	1527910	39.30	ng	#	89
55) 4-Nitrophenol	14.85	139	257180	38.07	ng	#	38
56) 2,4-Dinitrotoluene	15.00	165	440085	41.76	ng	#	68
57) Fluorene	15.68	166	1362777	39.39	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.26	232	336598	41.67	ng	#	94
59) Diethylphthalate	15.44	149	1266960	38.61	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	676195	41.24	ng		88
61) 4-Nitroaniline	15.70	138	347233	39.79	ng	#	48
62) Azobenzene	15.96	77	938659	35.19	ng		78
64) 4,6-Dinitro-2-methylphenol	15.76	198	275058	43.43	ng		85
65) n-Nitrosodiphenylamine	15.88	169	1175561	39.87	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	450414	43.56	ng		94
67) Hexachlorobenzene	16.69	284	482752	43.77	ng		90
68) Atrazine	16.82	200	432783	38.78	ng		98
69) Pentachlorophenol	17.03	266	290429	40.50	ng		98
70) Phenanthrene	17.42	178	2065138	38.28	ng		98
71) Anthracene	17.51	178	2136723	38.82	ng		99
72) Carbazole	17.77	167	2172345	38.34	ng		96
73) Di-n-butylphthalate	18.32	149	2169442	37.26	ng	#	94
74) Fluoranthene	19.42	202	2426529	38.25	ng		97
76) Benzidine	19.59	184	553316	14.28	ng		98
77) Pyrene	19.78	202	2516017	38.67	ng		99
79) Butylbenzylphthalate	20.65	149	998475	38.36	ng	#	83
80) Benzo(a)anthracene	21.60	228	2417254	38.23	ng		99
81) 3,3'-Dichlorobenzidine	21.51	252	1036944	40.06	ng	#	99
82) Chrysene	21.67	228	2318873	38.39	ng		100
83) Bis(2-ethylhexyl)phthalate	21.50	149	1413383	35.95	ng		98
84) Di-n-octyl phthalate	22.69	149	2382811	35.51	ng	#	80
85) Indeno(1,2,3-cd)pyrene	28.41	276	3086353	41.38	ng	#	88
87) Benzo(b)fluoranthene	23.79	252	2537668	38.09	ng	#	97
88) Benzo(k)fluoranthene	23.85	252	2597623	40.20	ng	#	96
89) Benzo(a)pyrene	24.64	252	2495928	39.06	ng	#	96
90) Dibenzo(a,h)anthracene	28.47	278	2640428	40.88	ng	#	94
91) Benzo(g,h,i)perylene	29.55	276	2635747	40.50	ng	#	91

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

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