Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027213.D
Acq On : 5 Jun 2017 15:18
Operator : SJ/MA
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG060517

Manual Integrations APPROVED
mohammad
6/6/2017 5:14:01 PM

Quant Time: Jun 05 16:01:54 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	52510	20.00	ng		0.00
21) Naphthalene-d8	11.40	136	251103	20.00	ng		0.00
38) Acenaphthene-d10	15.16	164	158985	20.00	ng		0.00
63) Phenanthrene-d10	17.91	188	369844	20.00	ng		0.00
75) Chrysene-d12	22.31	240	423797	20.00	ng		0.00
86) Perylene-d12	26.02	264	393942	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	283768	82.46	ng		0.00
7) Phenol-d6	7.70	99	417527	82.66	ng		0.00
23) Nitrobenzene-d5	9.74	82	348094	87.18	ng		0.00
41) 2,4,6-Tribromophenol	16.64	330	184588	88.17	ng		0.00
44) 2-Fluorobiphenyl	13.78	172	929326	81.78	ng		0.00
78) Terphenyl-d14	20.49	244	1328936	79.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.17	88	58254	40.83	ng	#	78
3) Pyridine	4.55	79	181551	41.28	ng	#	71
4) n-Nitrosodimethylamine	4.46	42	66843	41.04	ng	#	48
6) Aniline	7.90	93	260729	40.99	ng	#	92
8) 2-Chlorophenol	8.14	128	149157	41.05	ng		88
9) Benzaldehyde	7.72	77	141193	40.43	ng		85
10) Phenol	7.73	94	209930	40.64	ng	#	77
11) bis(2-Chloroethyl)ether	7.98	93	167914	39.62	ng		85
12) 1,3-Dichlorobenzene	8.47	146	164422	40.12	ng	#	91
13) 1,4-Dichlorobenzene	8.61	146	171021	40.66	ng		96
14) 1,2-Dichlorobenzene	8.93	146	164475	40.09	ng		94
15) Benzyl Alcohol	8.80	79	147043	41.32	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	9.08	45	238053	39.26	ng		92
17) 2-Methylphenol	8.98	107	148731	40.73	ng	#	85
18) Hexachloroethane	9.67	117	57358	40.48	ng		86
19) n-Nitroso-di-n-propylamine	9.37	70	142255	40.26	ng	#	83
20) 3+4-Methylphenols	9.31	107	206394	40.81	ng		89
22) Acetophenone	9.40	105	264488	41.19	ng	#	82
24) Nitrobenzene	9.78	77	193778	42.60	ng	#	85
25) Isophorone	10.31	82	382770	40.77	ng	#	95
26) 2-Nitrophenol	10.49	139	74460	40.95	ng	#	78
27) 2,4-Dimethylphenol	10.53	122	167901	41.59	ng		91
28) bis(2-Chloroethoxy)methane	10.78	93	245285	40.35	ng		99
29) 2,4-Dichlorophenol	11.02	162	155783	42.27	ng		98
30) 1,2,4-Trichlorobenzene	11.25	180	167457	41.04	ng		98
31) Naphthalene	11.45	128	556257	40.53	ng		100
32) Benzoic acid	10.64	122	109586	40.71	ng	#	82
33) 4-Chloroaniline	11.54	127	235371	41.16	ng	#	87
34) Hexachlorobutadiene	11.72	225	101044	40.29	ng		96
35) Caprolactam	12.33	113	55033	43.54	ng	#	73
36) 4-Chloro-3-methylphenol	12.62	107	189822	41.10	ng		89
37) 2-Methylnaphthalene	13.01	142	399361m	39.89	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.37	216	200778	40.54	ng		98
40) Hexachlorocyclopentadiene	13.35	237	107393	40.74	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.60	196	128040	42.62	ng		99
43) 2,4,5-Trichlorophenol	13.67	196	143055	42.56	ng	#	92
45) 1,1'-Biphenyl	14.00	154	529176	40.78	ng		98
46) 2-Chloronaphthalene	14.05	162	398251	40.93	ng		99
47) 2-Nitroaniline	14.24	65	112296	41.64	ng	#	77
48) Acenaphthylene	14.89	152	682019	41.42	ng		97
49) Dimethylphthalate	14.60	163	521216	41.33	ng		98
50) 2,6-Dinitrotoluene	14.72	165	105547	41.99	ng	#	77
51) Acenaphthene	15.22	154	441556	41.23	ng		99
52) 3-Nitroaniline	15.05	138	109689	41.67	ng		88
53) 2,4-Dinitrophenol	15.25	184	44942	45.91	ng	#	56
54) Dibenzofuran	15.55	168	613073	40.96	ng		92
55) 4-Nitrophenol	15.33	139	96168	43.40	ng	#	50
56) 2,4-Dinitrotoluene	15.50	165	137474	42.82	ng	#	87
57) Fluorene	16.20	166	546308	41.09	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.77	232	130333	43.43	ng		99
59) Diethylphthalate	15.95	149	523953	41.65	ng		98
60) 4-Chlorophenyl-phenylether	16.19	204	273400	40.83	ng		92
61) 4-Nitroaniline	16.22	138	115523	43.16	ng	#	66
62) Azobenzene	16.48	77	486184	41.70	ng		89
64) 4,6-Dinitro-2-methylphenol	16.26	198	71835	44.86	ng		95
65) n-Nitrosodiphenylamine	16.40	169	470412	40.57	ng		98
66) 4-Bromophenyl-phenylether	17.09	248	175595	40.11	ng		97
67) Hexachlorobenzene	17.21	284	189092	40.16	ng		92
68) Atrazine	17.34	200	166966	43.06	ng		97
69) Pentachlorophenol	17.54	266	114597	41.52	ng		95
70) Phenanthrene	17.96	178	840605	40.40	ng		95
71) Anthracene	18.04	178	858251	41.17	ng		99
72) Carbazole	18.31	167	827583	42.09	ng		96
73) Di-n-butylphthalate	18.84	149	846010	44.37	ng	#	93
74) Fluoranthene	19.94	202	950573	42.76	ng		95
76) Benzidine	20.11	184	509129	39.88	ng		99
77) Pyrene	20.31	202	986213	38.51	ng		97
79) Butylbenzylphthalate	21.20	149	370636	40.96	ng		91
80) Benzo(a)anthracene	22.28	228	981368	40.61	ng		96
81) 3,3'-Dichlorobenzidine	22.17	252	387241	41.19	ng	#	98
82) Chrysene	22.36	228	941845	40.59	ng		97
83) Bis(2-ethylhexyl)phthalate	22.16	149	547437	40.04	ng		100
84) Di-n-octyl phthalate	23.56	149	919702	40.61	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.31	276	1130173	40.22	ng	#	89
87) Benzo(b)fluoranthene	24.82	252	1020379	41.76	ng	#	96
88) Benzo(k)fluoranthene	24.91	252	967351	40.36	ng	#	93
89) Benzo(a)pyrene	25.84	252	940390	40.89	ng	#	94
90) Dibenzo(a,h)anthracene	30.39	278	991408	41.18	ng	#	95
91) Benzo(g,h,i)perylene	31.65	276	954069	40.92	ng	#	91

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

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