Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
Data File : BG026330.D
Acq On : 20 Mar 2017 17:08
Operator : SJ/MA
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG032017

Manual Integrations APPROVED
mohammad
3/21/2017 5:22:01 PM

Quant Time: Mar 20 17:43:42 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	8.05	152	114605	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	502257	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	291625	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	696359	20.00	ng		0.00
75) Chrysene-d12	21.64	240	774140	20.00	ng		0.00
86) Perylene-d12	24.82	264	766245	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	529174	81.95	ng		0.00
7) Phenol-d6	7.21	99	717210	82.74	ng		0.00
23) Nitrobenzene-d5	9.21	82	682763	81.74	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	278231	83.31	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	1669644	80.29	ng		0.00
78) Terphenyl-d14	19.98	244	2616528	82.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	118033	40.73	ng	#	74
3) Pyridine	3.91	79	331180	41.72	ng	#	66
4) n-Nitrosodimethylamine	3.81	42	88356	40.73	ng	#	1
6) Aniline	7.37	93	472989	40.85	ng	#	90
8) 2-Chlorophenol	7.61	128	297190	40.87	ng		83
9) Benzaldehyde	7.18	77	242923	41.51	ng	#	70
10) Phenol	7.23	94	378375	40.90	ng	#	69
11) bis(2-Chloroethyl)ether	7.46	93	313000	41.26	ng		84
12) 1,3-Dichlorobenzene	7.94	146	354188	40.92	ng	#	86
13) 1,4-Dichlorobenzene	8.08	146	364360m	41.62	ng		
14) 1,2-Dichlorobenzene	8.40	146	346812	41.39	ng	#	90
15) Benzyl Alcohol	8.28	79	236369	41.59	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	8.57	45	331657	39.37	ng		83
17) 2-Methylphenol	8.48	107	272274	41.44	ng	#	80
18) Hexachloroethane	9.13	117	119663	41.80	ng		89
19) n-Nitroso-di-n-propylamine	8.85	70	226019	40.56	ng	#	72
20) 3+4-Methylphenols	8.81	107	379506	41.96	ng		86
22) Acetophenone	8.87	105	469814	40.68	ng	#	75
24) Nitrobenzene	9.25	77	333345	40.42	ng	#	73
25) Isophorone	9.77	82	639686	40.63	ng	#	90
26) 2-Nitrophenol	9.96	139	177039	41.25	ng	#	64
27) 2,4-Dimethylphenol	10.01	122	290795	41.28	ng		85
28) bis(2-Chloroethoxy)methane	10.25	93	414072	40.49	ng	#	98
29) 2,4-Dichlorophenol	10.49	162	295592	41.49	ng		94
30) 1,2,4-Trichlorobenzene	10.71	180	323246	40.39	ng		99
31) Naphthalene	10.90	128	1030905	40.60	ng		100
32) Benzoic acid	10.15	122	217115	40.06	ng	#	78
33) 4-Chloroaniline	11.00	127	419040	40.57	ng	#	83
34) Hexachlorobutadiene	11.19	225	190722	40.40	ng		97
35) Caprolactam	11.76	113	115539	41.16	ng	#	61
36) 4-Chloro-3-methylphenol	12.12	107	311715	40.90	ng	#	80
37) 2-Methylnaphthalene	12.50	142	753077	40.49	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	356324	40.61	ng		98
40) Hexachlorocyclopentadiene	12.84	237	188382	40.79	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	234253	40.78	ng		94
43) 2,4,5-Trichlorophenol	13.17	196	258771	40.75	ng	#	92
45) 1,1'-Biphenyl	13.50	154	974404	40.35	ng		96
46) 2-Chloronaphthalene	13.54	162	705138	39.98	ng		97
47) 2-Nitroaniline	13.73	65	208416	41.55	ng	#	63
48) Acenaphthylene	14.38	152	1239790	40.32	ng		99
49) Dimethylphthalate	14.11	163	908341	41.27	ng		97
50) 2,6-Dinitrotoluene	14.22	165	220646	42.95	ng	#	62
51) Acenaphthene	14.72	154	760140	40.14	ng		98
52) 3-Nitroaniline	14.55	138	238517	42.17	ng	#	70
53) 2,4-Dinitrophenol	14.76	184	122375	41.06	ng	#	78
54) Dibenzofuran	15.05	168	1084782	40.69	ng		90
55) 4-Nitrophenol	14.86	139	198940	42.95	ng	#	42
56) 2,4-Dinitrotoluene	15.01	165	309917	42.89	ng	#	72
57) Fluorene	15.70	166	970115	40.89	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.28	232	227903	41.15	ng		99
59) Diethylphthalate	15.46	149	923497	41.05	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	457806	40.72	ng		93
61) 4-Nitroaniline	15.71	138	253200	42.32	ng	#	53
62) Azobenzene	15.98	77	744205	40.68	ng		81
64) 4,6-Dinitro-2-methylphenol	15.78	198	190091	43.30	ng		84
65) n-Nitrosodiphenylamine	15.90	169	831664	40.69	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	300069	41.87	ng		96
67) Hexachlorobenzene	16.70	284	307352	40.20	ng		93
68) Atrazine	16.84	200	318216	41.13	ng		96
69) Pentachlorophenol	17.04	266	206972	41.64	ng		98
70) Phenanthrene	17.43	178	1507518	40.31	ng		97
71) Anthracene	17.52	178	1566401	41.06	ng		100
72) Carbazole	17.78	167	1594704	40.60	ng		97
73) Di-n-butylphthalate	18.34	149	1660014	41.13	ng	#	94
74) Fluoranthene	19.43	202	1806210	41.08	ng		95
76) Benzidine	19.60	184	1108978	41.55	ng		96
77) Pyrene	19.79	202	1871364	41.75	ng		99
79) Butylbenzylphthalate	20.66	149	745282	41.55	ng		86
80) Benzo(a)anthracene	21.62	228	1748028	40.13	ng		98
81) 3,3'-Dichlorobenzidine	21.53	252	707488	39.67	ng	#	98
82) Chrysene	21.68	228	1681437	40.40	ng		99
83) Bis(2-ethylhexyl)phthalate	21.52	149	1101936	40.68	ng		98
84) Di-n-octyl phthalate	22.71	149	1899594	41.09	ng	#	82
85) Indeno(1,2,3-cd)pyrene	28.45	276	2128714	41.42	ng	#	87
87) Benzo(b)fluoranthene	23.81	252	1835191	40.63	ng	#	96
88) Benzo(k)fluoranthene	23.88	252	1779274	40.62	ng	#	94
89) Benzo(a)pyrene	24.67	252	1757890	40.58	ng	#	94
90) Dibenzo(a,h)anthracene	28.51	278	1790690	40.90	ng	#	94
91) Benzo(g,h,i)perylene	29.59	276	1794743	40.68	ng	#	87

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

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