Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013017\
Data File : BG025709.D
Acq On : 30 Jan 2017 17:49
Operator : SJ/MA
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG013017

Manual Integrations APPROVED
mohammad
1/31/2017 3:41:08 PM

Quant Time: Jan 30 18:38:27 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	64777	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	274980	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	216895	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	509725	20.00	ng		0.00
75) Chrysene-d12	21.83	240	684762	20.00	ng		0.00
86) Perylene-d12	25.22	264	693999	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	282933	78.28	ng		0.00
7) Phenol-d6	7.33	99	424655	80.44	ng		0.00
23) Nitrobenzene-d5	9.35	82	533779	82.02	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	245743	79.45	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1033210	77.37	ng		0.00
78) Terphenyl-d14	20.12	244	2313445	81.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	62372	38.06	ng		98
3) Pyridine	3.96	79	182867	41.13	ng		98
4) n-Nitrosodimethylamine	3.87	42	102286	39.99	ng		87
6) Aniline	7.49	93	301728	40.57	ng		96
8) 2-Chlorophenol	7.73	128	157510	38.39	ng		97
9) Benzaldehyde	7.30	77	180652	40.34	ng		96
10) Phenol	7.35	94	235460	39.69	ng		91
11) bis(2-Chloroethyl)ether	7.58	93	195615	41.70	ng		89
12) 1,3-Dichlorobenzene	8.05	146	195387	38.94	ng		99
13) 1,4-Dichlorobenzene	8.20	146	200450	39.30	ng		94
14) 1,2-Dichlorobenzene	8.52	146	198802	40.67	ng		94
15) Benzyl Alcohol	8.41	79	187699	41.12	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	379193	40.03	ng		97
17) 2-Methylphenol	8.62	107	162357	40.06	ng		93
18) Hexachloroethane	9.24	117	80864	38.93	ng		93
19) n-Nitroso-di-n-propylamine	8.97	70	192939	41.42	ng		94
20) 3+4-Methylphenols	8.95	107	221001	39.96	ng		97
22) Acetophenone	9.00	105	307153	40.80	ng	#	98
24) Nitrobenzene	9.40	77	281447	39.61	ng		98
25) Isophorone	9.91	82	501930	39.58	ng		97
26) 2-Nitrophenol	10.11	139	104900	41.66	ng		91
27) 2,4-Dimethylphenol	10.15	122	168947	38.52	ng		98
28) bis(2-Chloroethoxy)methane	10.38	93	283241	42.20	ng		99
29) 2,4-Dichlorophenol	10.65	162	180226	40.05	ng		96
30) 1,2,4-Trichlorobenzene	10.85	180	211941	40.49	ng		98
31) Naphthalene	11.04	128	575907	40.34	ng		94
32) Benzoic acid	10.31	122	99169	37.09	ng		97
33) 4-Chloroaniline	11.17	127	248665	41.91	ng		94
34) Hexachlorobutadiene	11.30	225	166498	39.10	ng		96
35) Caprolactam	11.95	113	79174	41.29	ng		95
36) 4-Chloro-3-methylphenol	12.28	107	229037	41.77	ng		97
37) 2-Methylnaphthalene	12.64	142	443413	40.23	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	290404	39.98	ng		97
40) Hexachlorocyclopentadiene	12.96	237	89150	38.21	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	169808m	39.93	ng		
43) 2,4,5-Trichlorophenol	13.33	196	183961	40.07	ng		99
45) 1,1'-Biphenyl	13.63	154	607242	40.25	ng		95
46) 2-Chloronaphthalene	13.69	162	471031	39.75	ng		98
47) 2-Nitroaniline	13.90	65	207213	40.63	ng		92
48) Acenaphthylene	14.53	152	781009	39.62	ng		99
49) Dimethylphthalate	14.24	163	648676	39.71	ng		96
50) 2,6-Dinitrotoluene	14.38	165	152283	41.17	ng		92
51) Acenaphthene	14.86	154	481316	39.51	ng		99
52) 3-Nitroaniline	14.73	138	139346	39.96	ng		98
53) 2,4-Dinitrophenol	14.95	184	69821	37.27	ng		89
54) Dibenzofuran	15.20	168	731179	39.73	ng		98
55) 4-Nitrophenol	15.05	139	104403	41.60	ng	#	89
56) 2,4-Dinitrotoluene	15.18	165	219974	40.65	ng	#	80
57) Fluorene	15.85	166	653645	39.97	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.43	232	176657	41.18	ng	#	99
59) Diethylphthalate	15.59	149	689687	39.83	ng		96
60) 4-Chlorophenyl-phenylether	15.82	204	348244	39.29	ng		97
61) 4-Nitroaniline	15.89	138	143796	41.06	ng		93
62) Azobenzene	16.12	77	715472	40.60	ng		97
64) 4,6-Dinitro-2-methylphenol	15.95	198	148111	40.89	ng		78
65) n-Nitrosodiphenylamine	16.04	169	586537	40.08	ng		100
66) 4-Bromophenyl-phenylether	16.72	248	249120	40.19	ng		97
67) Hexachlorobenzene	16.85	284	272663	39.11	ng		93
68) Atrazine	16.98	200	285350	39.50	ng		99
69) Pentachlorophenol	17.20	266	121810	39.77	ng		98
70) Phenanthrene	17.59	178	1121015	40.47	ng		95
71) Anthracene	17.68	178	1173997	41.10	ng		98
72) Carbazole	17.96	167	1133367	40.97	ng		97
73) Di-n-butylphthalate	18.47	149	1294432	40.44	ng		96
74) Fluoranthene	19.59	202	1498848	39.48	ng		96
76) Benzidine	19.77	184	974753	41.45	ng		97
77) Pyrene	19.95	202	1564158	41.00	ng		98
79) Butylbenzylphthalate	20.80	149	632293	39.93	ng		98
80) Benzo(a)anthracene	21.81	228	1600677	39.47	ng		96
81) 3,3'-Dichlorobenzidine	21.72	252	640305	40.23	ng		98
82) Chrysene	21.88	228	1530424	39.93	ng		99
83) Bis(2-ethylhexyl)phthalate	21.65	149	886643	40.20	ng		98
84) Di-n-octyl phthalate	22.90	149	1469598	41.02	ng		98
85) Indeno(1,2,3-cd)pyrene	29.12	276	1850346	39.60	ng	#	96
87) Benzo(b)fluoranthene	24.13	252	1624884	40.51	ng		99
88) Benzo(k)fluoranthene	24.20	252	1563805	39.83	ng		98
89) Benzo(a)pyrene	25.05	252	1519565	39.82	ng		96
90) Dibenzo(a,h)anthracene	29.16	278	1580963	40.07	ng		98
91) Benzo(g,h,i)perylene	30.35	276	1564437	39.90	ng		94

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

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