Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022898.D
Acq On : 7 Jul 2016 16:41
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG070816

Quant Time: Jul 07 17:15:34 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	113422	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	544665	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	428124	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1069718	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1159249	20.00	ng		0.00
86) Perylene-d12	25.19	264	1209802	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	539489	77.79	ng		0.00
7) Phenol-d6	7.31	99	886149	81.58	ng		0.00
23) Nitrobenzene-d5	9.33	82	997658	78.43	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	587921	76.41	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2116728	77.88	ng		0.00
78) Terphenyl-d14	20.16	244	2976166	79.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	103055	38.23	ng		97
3) Pyridine	3.98	79	381365	41.34	ng	#	92
4) n-Nitrosodimethylamine	3.89	42	162364	41.03	ng	#	95
6) Aniline	7.47	93	618803	41.11	ng		93
8) 2-Chlorophenol	7.72	128	295480	40.04	ng		95
9) Benzaldehyde	7.29	77	297077	40.93	ng		99
10) Phenol	7.33	94	444195	39.75	ng		92
11) bis(2-Chloroethyl)ether	7.57	93	355189	40.10	ng		96
12) 1,3-Dichlorobenzene	8.04	146	358957	39.73	ng		95
13) 1,4-Dichlorobenzene	8.19	146	355497	39.31	ng		98
14) 1,2-Dichlorobenzene	8.51	146	347861	38.69	ng		97
15) Benzyl Alcohol	8.40	79	422645	42.48	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	435205	40.22	ng		94
17) 2-Methylphenol	8.60	107	290571	39.94	ng		93
18) Hexachloroethane	9.25	117	147848	38.73	ng		92
19) n-Nitroso-di-n-propylamine	8.96	70	393803	40.22	ng		96
20) 3+4-Methylphenols	8.92	107	428773	42.26	ng		97
22) Acetophenone	8.98	105	650586	39.80	ng	#	92
24) Nitrobenzene	9.37	77	531092	39.29	ng		96
25) Isophorone	9.89	82	1014687	39.66	ng		96
26) 2-Nitrophenol	10.09	139	215207	40.58	ng	#	83
27) 2,4-Dimethylphenol	10.14	122	357103	38.95	ng		92
28) bis(2-Chloroethoxy)methane	10.38	93	564824	39.59	ng		99
29) 2,4-Dichlorophenol	10.62	162	385567	39.43	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	441765	39.43	ng		96
31) Naphthalene	11.03	128	1080023	38.95	ng		98
32) Benzoic acid	10.29	122	328833	39.43	ng		97
33) 4-Chloroaniline	11.14	127	536171	39.54	ng		94
34) Hexachlorobutadiene	11.32	225	354018	38.98	ng		93
35) Caprolactam	11.91	113	153351	38.12	ng		95
36) 4-Chloro-3-methylphenol	12.26	107	536491	40.12	ng		95
37) 2-Methylnaphthalene	12.63	142	864041	39.43	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	729114	39.52	ng		97
40) Hexachlorocyclopentadiene	12.97	237	415643	39.13	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	425230	40.10	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	427699	39.28	ng		95
45) 1,1'-Biphenyl	13.63	154	1271337	39.58	ng		98
46) 2-Chloronaphthalene	13.68	162	1012117	38.84	ng		97
47) 2-Nitroaniline	13.88	65	442155	39.77	ng		93
48) Acenaphthylene	14.52	152	1511598	38.67	ng		96
49) Dimethylphthalate	14.24	163	1359648	38.88	ng		97
50) 2,6-Dinitrotoluene	14.37	165	308616	39.27	ng	#	82
51) Acenaphthene	14.86	154	1013052	39.66	ng		96
52) 3-Nitroaniline	14.71	138	312255	39.84	ng		92
53) 2,4-Dinitrophenol	14.91	184	216053	40.06	ng		97
54) Dibenzofuran	15.20	168	1472537	38.51	ng		97
55) 4-Nitrophenol	15.01	139	260414	39.64	ng		93
56) 2,4-Dinitrotoluene	15.16	165	441289	38.51	ng		93
57) Fluorene	15.85	166	1275010	38.74	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	420043	38.55	ng	#	99
59) Diethylphthalate	15.61	149	1368544	38.46	ng		96
60) 4-Chlorophenyl-phenylether	15.83	204	786940	39.26	ng		95
61) 4-Nitroaniline	15.88	138	323051	38.09	ng	#	81
62) Azobenzene	16.13	77	1341799	39.42	ng		92
64) 4,6-Dinitro-2-methylphenol	15.92	198	325041	40.88	ng		96
65) n-Nitrosodiphenylamine	16.06	169	1213579	39.38	ng		97
66) 4-Bromophenyl-phenylether	16.74	248	538873	38.72	ng		92
67) Hexachlorobenzene	16.86	284	606801	40.10	ng		94
68) Atrazine	17.00	200	530314	38.79	ng		99
69) Pentachlorophenol	17.20	266	393093	40.11	ng		98
70) Phenanthrene	17.60	178	2028364	38.69	ng		98
71) Anthracene	17.70	178	2065270	38.91	ng		98
72) Carbazole	17.97	167	1772499	38.64	ng		99
73) Di-n-butylphthalate	18.51	149	2026617	39.73	ng		99
74) Fluoranthene	19.61	202	2393390	37.20	ng		97
76) Benzidine	19.78	184	1323297	39.82	ng		97
77) Pyrene	19.97	202	2450567	37.62	ng		99
79) Butylbenzylphthalate	20.83	149	1010154	39.15	ng		94
80) Benzo(a)anthracene	21.83	228	2533572	39.06	ng		98
81) 3,3'-Dichlorobenzidine	21.74	252	1112935	39.09	ng		95
82) Chrysene	21.89	228	2381361	39.14	ng		97
83) Bis(2-ethylhexyl)phthalate	21.71	149	1373475	38.33	ng		96
84) Di-n-octyl phthalate	22.96	149	2311456	38.68	ng		98
85) Indeno(1,2,3-cd)pyrene	29.03	276	2994612	38.60	ng	#	100
87) Benzo(b)fluoranthene	24.12	252	2716984	38.93	ng		96
88) Benzo(k)fluoranthene	24.20	252	2612840	39.45	ng	#	94
89) Benzo(a)pyrene	25.04	252	2616974	39.11	ng	#	98
90) Dibenzo(a,h)anthracene	29.11	278	2602992	39.20	ng	#	95
91) Benzo(g,h,i)perylene	30.24	276	2589608	38.94	ng	#	93

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

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