Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102516\
Data File : BG024500.D
Acq On : 25 Oct 2016 16:57
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG102516

Manual Integrations APPROVED
sohil
10/26/2016 4:51:09 PM

Quant Time: Oct 26 11:22:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	117627	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	474204	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	368916	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	813059	20.00	ng		0.00
75) Chrysene-d12	21.93	240	1122441	20.00	ng		0.00
86) Perylene-d12	25.36	264	1233791	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	535194	74.57	ng		0.00
7) Phenol-d6	7.40	99	745561	75.73	ng		0.00
23) Nitrobenzene-d5	9.44	82	800669	76.87	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	417189	75.70	ng		0.00
44) 2-Fluorobiphenyl	13.52	172	1625024	73.21	ng		0.00
78) Terphenyl-d14	20.21	244	2772095	73.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	112767	38.46	ng		88
3) Pyridine	4.08	79	331894	37.81	ng		98
4) n-Nitrosodimethylamine	3.99	42	166903	36.73	ng		91
6) Aniline	7.59	93	469299	37.63	ng		98
8) 2-Chlorophenol	7.83	128	269342	36.91	ng		98
9) Benzaldehyde	7.41	77	239173	39.31	ng		98
10) Phenol	7.43	94	387625	38.20	ng		99
11) bis(2-Chloroethyl)ether	7.68	93	287382	37.70	ng		89
12) 1,3-Dichlorobenzene	8.16	146	334707	37.05	ng		93
13) 1,4-Dichlorobenzene	8.31	146	346530	38.84	ng		97
14) 1,2-Dichlorobenzene	8.63	146	316397	36.88	ng		90
15) Benzyl Alcohol	8.50	79	360383	39.35	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.79	45	524566	37.08	ng		99
17) 2-Methylphenol	8.70	107	257962	38.36	ng		95
18) Hexachloroethane	9.36	117	132928	38.76	ng		91
19) n-Nitroso-di-n-propylamine	9.07	70	274937	37.89	ng		97
20) 3+4-Methylphenols	9.03	107	356481	39.48	ng		94
22) Acetophenone	9.10	105	452762	37.17	ng	#	94
24) Nitrobenzene	9.49	77	431339	37.23	ng		99
25) Isophorone	10.00	82	730175	37.69	ng		96
26) 2-Nitrophenol	10.20	139	168347	39.14	ng		98
27) 2,4-Dimethylphenol	10.24	122	292405	38.84	ng		95
28) bis(2-Chloroethoxy)methane	10.48	93	378982	37.81	ng		100
29) 2,4-Dichlorophenol	10.73	162	295630	37.41	ng		95
30) 1,2,4-Trichlorobenzene	10.95	180	350572	37.40	ng		88
31) Naphthalene	11.15	128	877141	37.08	ng		96
32) Benzoic acid	10.36	122	241798	38.56	ng		94
33) 4-Chloroaniline	11.25	127	379804	36.98	ng		94
34) Hexachlorobutadiene	11.42	225	275827	37.60	ng		99
35) Caprolactam	12.02	113	108822	37.62	ng		91
36) 4-Chloro-3-methylphenol	12.34	107	357869	37.51	ng	#	96
37) 2-Methylnaphthalene	12.73	142	653841	37.88	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	444554	35.73	ng		99
40) Hexachlorocyclopentadiene	13.06	237	261341	37.30	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	281202	37.60	ng		99
43) 2,4,5-Trichlorophenol	13.40	196	299453	37.03	ng	#	92
45) 1,1'-Biphenyl	13.73	154	932224	36.41	ng		96
46) 2-Chloronaphthalene	13.77	162	718498	36.86	ng		95
47) 2-Nitroaniline	13.97	65	307845	38.57	ng		94
48) Acenaphthylene	14.62	152	1082687	36.22	ng		98
49) Dimethylphthalate	14.33	163	970773	37.07	ng		96
50) 2,6-Dinitrotoluene	14.46	165	218413	39.06	ng		86
51) Acenaphthene	14.96	154	823967	36.97	ng		96
52) 3-Nitroaniline	14.79	138	212312	36.70	ng		91
53) 2,4-Dinitrophenol	14.99	184	157852	38.96	ng		99
54) Dibenzofuran	15.28	168	1106904	35.93	ng		97
55) 4-Nitrophenol	15.07	139	192335	38.16	ng		94
56) 2,4-Dinitrotoluene	15.24	165	320910	39.50	ng	#	96
57) Fluorene	15.93	166	943374	36.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	312853	37.32	ng		95
59) Diethylphthalate	15.68	149	995585	36.26	ng		99
60) 4-Chlorophenyl-phenylether	15.91	204	512280	35.73	ng		99
61) 4-Nitroaniline	15.95	138	234843	37.16	ng		94
62) Azobenzene	16.21	77	1003994	36.66	ng		97
64) 4,6-Dinitro-2-methylphenol	16.00	198	229842	41.03	ng		88
65) n-Nitrosodiphenylamine	16.13	169	829328	37.31	ng		98
66) 4-Bromophenyl-phenylether	16.81	248	371344	37.62	ng		91
67) Hexachlorobenzene	16.92	284	422043	38.70	ng	#	91
68) Atrazine	17.07	200	368820	38.68	ng		96
69) Pentachlorophenol	17.26	266	295552	41.07	ng		97
70) Phenanthrene	17.67	178	1542413	37.22	ng		97
71) Anthracene	17.76	178	1587963	37.98	ng		99
72) Carbazole	18.03	167	1449384	38.01	ng		98
73) Di-n-butylphthalate	18.56	149	1698452	38.63	ng		99
74) Fluoranthene	19.66	202	2023037	38.62	ng		98
76) Benzidine	19.84	184	1026615	38.82	ng		99
77) Pyrene	20.03	202	2071726	37.76	ng		99
79) Butylbenzylphthalate	20.89	149	893349	39.05	ng		99
80) Benzo(a)anthracene	21.91	228	2300233	37.30	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	916809	36.85	ng	#	95
82) Chrysene	21.98	228	2210388	37.64	ng		99
83) Bis(2-ethylhexyl)phthalate	21.77	149	1260078	38.51	ng		98
84) Di-n-octyl phthalate	23.05	149	2123335	39.10	ng		94
85) Indeno(1,2,3-cd)pyrene	29.30	276	3023193	37.29	ng		99
87) Benzo(b)fluoranthene	24.26	252	2487220m	37.30	ng		
88) Benzo(k)fluoranthene	24.33	252	2348085	36.46	ng		96
89) Benzo(a)pyrene	25.20	252	2390552	36.68	ng		99
90) Dibenzo(a,h)anthracene	29.37	278	2572585	35.97	ng		97
91) Benzo(g,h,i)perylene	30.56	276	2543925	35.60	ng		98

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

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