Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
Data File : BG024185.D
Acq On : 1 Oct 2016 7:40
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
10/3/2016 6:49:54 PM

Quant Time: Oct 03 01:05:53 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	50397	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	243783	20.00	ng		-0.01
38) Acenaphthene-d10	14.70	164	216244	20.00	ng		-0.01
63) Phenanthrene-d10	17.47	188	476298	20.00	ng		-0.01
75) Chrysene-d12	21.78	240	519361	20.00	ng		-0.02
86) Perylene-d12	25.10	264	508535	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	220534	75.81	ng		0.00
7) Phenol-d6	7.20	99	365511	74.67	ng		0.00
23) Nitrobenzene-d5	9.21	82	473559	76.56	ng		-0.01
41) 2,4,6-Tribromophenol	16.21	330	196847	63.33	ng		-0.02
44) 2-Fluorobiphenyl	13.32	172	940289	73.09	ng		-0.01
78) Terphenyl-d14	20.08	244	1557269	61.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	52023	46.72	ng		93
3) Pyridine	3.84	79	165231	41.99	ng	#	93
4) n-Nitrosodimethylamine	3.76	42	80407	40.31	ng	#	95
6) Aniline	7.35	93	242943	35.34	ng		99
8) 2-Chlorophenol	7.60	128	126922	36.45	ng		93
9) Benzaldehyde	7.17	77	112669	42.27	ng		91
10) Phenol	7.23	94	188597	36.65	ng		91
11) bis(2-Chloroethyl)ether	7.44	93	146978	36.22	ng		93
12) 1,3-Dichlorobenzene	7.92	146	145420	37.45	ng		98
13) 1,4-Dichlorobenzene	8.07	146	148453	37.46	ng		95
14) 1,2-Dichlorobenzene	8.39	146	145424	37.70	ng		92
15) Benzyl Alcohol	8.28	79	150138	31.69	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	201635	35.99	ng		90
17) 2-Methylphenol	8.49	107	123965	36.24	ng		96
18) Hexachloroethane	9.11	117	60956	36.51	ng		95
19) n-Nitroso-di-n-propylamine	8.84	70	170624	35.49	ng	#	97
20) 3+4-Methylphenols	8.82	107	180495	36.33	ng		94
22) Acetophenone	8.86	105	267980	38.10	ng	#	97
24) Nitrobenzene	9.26	77	250644	37.80	ng		97
25) Isophorone	9.78	82	469863	37.24	ng		98
26) 2-Nitrophenol	9.97	139	81980	34.86	ng		94
27) 2,4-Dimethylphenol	10.03	122	149161	37.93	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	229754	37.45	ng		98
29) 2,4-Dichlorophenol	10.53	162	158896	38.82	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	163868	37.41	ng		96
31) Naphthalene	10.91	128	479689	38.84	ng		99
32) Benzoic acid	10.21	122	58397	21.65	ng		99
33) 4-Chloroaniline	11.03	127	204857	37.16	ng		97
34) Hexachlorobutadiene	11.19	225	118017	34.22	ng		96
35) Caprolactam	11.83	113	60078	36.09	ng	#	86
36) 4-Chloro-3-methylphenol	12.17	107	221941	38.54	ng		98
37) 2-Methylnaphthalene	12.52	142	366033	38.71	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	228462	36.19	ng		99
40) Hexachlorocyclopentadiene	12.86	237	80735	34.36	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	143944	35.25	ng		93
43) 2,4,5-Trichlorophenol	13.24	196	149641	35.62	ng		93
45) 1,1'-Biphenyl	13.53	154	555662	37.58	ng		97
46) 2-Chloronaphthalene	13.58	162	411830	37.30	ng		98
47) 2-Nitroaniline	13.81	65	179749	34.99	ng		95
48) Acenaphthylene	14.43	152	702568	37.48	ng		100
49) Dimethylphthalate	14.15	163	594660	35.85	ng	#	97
50) 2,6-Dinitrotoluene	14.29	165	130626	37.48	ng		96
51) Acenaphthene	14.77	154	422783	37.19	ng		93
52) 3-Nitroaniline	14.63	138	126723	36.41	ng		92
53) 2,4-Dinitrophenol	14.87	184	22790	13.96	ng		96
54) Dibenzofuran	15.11	168	658132	37.18	ng		99
55) 4-Nitrophenol	14.97	139	74344	30.45	ng		94
56) 2,4-Dinitrotoluene	15.09	165	194639	36.71	ng	#	77
57) Fluorene	15.76	166	564459	36.64	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.34	232	137964m	34.00	ng		
59) Diethylphthalate	15.51	149	644923	36.10	ng		98
60) 4-Chlorophenyl-phenylether	15.74	204	290755	35.23	ng		94
61) 4-Nitroaniline	15.81	138	122286	33.92	ng	#	84
62) Azobenzene	16.04	77	680392	37.48	ng		93
64) 4,6-Dinitro-2-methylphenol	15.87	198	71499	21.62	ng		96
65) n-Nitrosodiphenylamine	15.97	169	520585	39.95	ng		96
66) 4-Bromophenyl-phenylether	16.64	248	203979	36.92	ng		99
67) Hexachlorobenzene	16.77	284	217272	34.90	ng		94
68) Atrazine	16.92	200	194884	33.88	ng		94
69) Pentachlorophenol	17.14	266	78748	26.88	ng		93
70) Phenanthrene	17.51	178	947232	39.04	ng		98
71) Anthracene	17.61	178	945676	37.95	ng		98
72) Carbazole	17.89	167	873973	37.68	ng		99
73) Di-n-butylphthalate	18.42	149	1074906	35.40	ng		98
74) Fluoranthene	19.53	202	1121316	35.40	ng		96
76) Benzidine	19.72	184	241929	16.46	ng		98
77) Pyrene	19.90	202	1157874	31.93	ng		95
79) Butylbenzylphthalate	20.77	149	440947	33.02	ng		99
80) Benzo(a)anthracene	21.76	228	1091171	36.91	ng		93
81) 3,3'-Dichlorobenzidine	21.67	252	397859	37.54	ng	#	98
82) Chrysene	21.82	228	1046117	37.64	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	663293	41.57	ng		95
84) Di-n-octyl phthalate	22.86	149	1146306	41.64	ng		99
85) Indeno(1,2,3-cd)pyrene	28.92	276	1327653	42.84	ng	#	100
87) Benzo(b)fluoranthene	24.04	252	1120016	37.86	ng	#	98
88) Benzo(k)fluoranthene	24.11	252	1130512	38.48	ng	#	96
89) Benzo(a)pyrene	24.95	252	1089855	38.11	ng	#	97
90) Dibenzo(a,h)anthracene	28.97	278	1055773	36.97	ng	#	97
91) Benzo(g,h,i)perylene	30.11	276	1088802	37.84	ng	#	96

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

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