Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102516\
Data File : BG024494.D
Acq On : 25 Oct 2016 13:08
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
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10/26/2016 4:50:05 PM

Quant Time: Oct 25 16:00:09 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 15:14:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	104674	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	402856	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	305650	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	700212	20.00	ng		0.00
75) Chrysene-d12	21.93	240	1043288	20.00	ng		0.00
86) Perylene-d12	25.36	264	1110309	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	130804	21.56	ng		0.00
7) Phenol-d6	7.40	99	179718	20.34	ng		0.00
23) Nitrobenzene-d5	9.44	82	179000	21.53	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	96638	25.38	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	409483	25.07	ng		0.00
78) Terphenyl-d14	20.21	244	821252	23.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	28374	12.39	ng		90
3) Pyridine	4.09	79	76973	11.48	ng		97
4) n-Nitrosodimethylamine	3.99	42	39188	9.23	ng		100
6) Aniline	7.59	93	108932	8.79	ng		96
8) 2-Chlorophenol	7.83	128	67653	10.04	ng		88
9) Benzaldehyde	7.41	77	60361	12.40	ng		94
10) Phenol	7.43	94	91882	9.40	ng		94
11) bis(2-Chloroethyl)ether	7.68	93	72283	9.92	ng		87
12) 1,3-Dichlorobenzene	8.16	146	86408	11.30	ng		96
13) 1,4-Dichlorobenzene	8.31	146	81903	10.55	ng		89
14) 1,2-Dichlorobenzene	8.63	146	80971	10.74	ng		95
15) Benzyl Alcohol	8.50	79	81024	9.92	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.79	45	128260	8.40	ng		96
17) 2-Methylphenol	8.70	107	63267	10.20	ng		85
18) Hexachloroethane	9.37	117	31054	10.31	ng		92
19) n-Nitroso-di-n-propylamine	9.07	70	60794	8.30	ng		93
20) 3+4-Methylphenols	9.02	107	84082	9.48	ng		90
22) Acetophenone	9.10	105	112190	11.47	ng	#	95
24) Nitrobenzene	9.49	77	98915	10.71	ng	#	90
25) Isophorone	10.00	82	168449	10.07	ng	#	95
26) 2-Nitrophenol	10.20	139	36792	10.83	ng	#	89
27) 2,4-Dimethylphenol	10.24	122	65551	9.58	ng		99
28) bis(2-Chloroethoxy)methane	10.48	93	89990	10.08	ng		96
29) 2,4-Dichlorophenol	10.73	162	70244	10.66	ng		92
30) 1,2,4-Trichlorobenzene	10.95	180	83536	11.65	ng		98
31) Naphthalene	11.15	128	213077	11.27	ng		99
32) Benzoic acid	10.29	122	45379	9.04	ng		87
33) 4-Chloroaniline	11.25	127	83589	9.55	ng	#	93
34) Hexachlorobutadiene	11.42	225	65714	12.27	ng		94
35) Caprolactam	12.00	113	23683	10.29	ng	#	63
36) 4-Chloro-3-methylphenol	12.34	107	80804	9.51	ng	#	81
37) 2-Methylnaphthalene	12.73	142	151373m	10.75	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	113305	13.03	ng	#	93
40) Hexachlorocyclopentadiene	13.06	237	56441	9.45	ng		88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	65192	11.12	ng		97
43) 2,4,5-Trichlorophenol	13.39	196	67466	11.12	ng	#	87
45) 1,1'-Biphenyl	13.73	154	234197	11.85	ng		87
46) 2-Chloronaphthalene	13.77	162	173911	11.48	ng		96
47) 2-Nitroaniline	13.97	65	64252	10.85	ng		93
48) Acenaphthylene	14.61	152	266676	11.34	ng		98
49) Dimethylphthalate	14.33	163	229007	11.20	ng	#	95
50) 2,6-Dinitrotoluene	14.46	165	45108	10.33	ng		94
51) Acenaphthene	14.95	154	196989	11.81	ng		99
52) 3-Nitroaniline	14.79	138	46332	11.00	ng		88
53) 2,4-Dinitrophenol	14.99	184	34033	13.01	ng		92
54) Dibenzofuran	15.28	168	279871	12.40	ng		98
55) 4-Nitrophenol	15.07	139	43329	11.20	ng		91
56) 2,4-Dinitrotoluene	15.24	165	66142	10.94	ng	#	96
57) Fluorene	15.93	166	228281	11.76	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.50	232	71386	12.58	ng		95
59) Diethylphthalate	15.68	149	244044	11.47	ng		93
60) 4-Chlorophenyl-phenylether	15.91	204	126955	11.49	ng		96
61) 4-Nitroaniline	15.94	138	55866	12.37	ng		95
62) Azobenzene	16.21	77	245577	11.63	ng		94
64) 4,6-Dinitro-2-methylphenol	16.00	198	46868	11.10	ng		94
65) n-Nitrosodiphenylamine	16.12	169	201025	10.31	ng		98
66) 4-Bromophenyl-phenylether	16.81	248	87616	11.05	ng		91
67) Hexachlorobenzene	16.93	284	96136	10.53	ng	#	86
68) Atrazine	17.06	200	87642	13.06	ng		92
69) Pentachlorophenol	17.27	266	62547	11.11	ng		99
70) Phenanthrene	17.67	178	393611	12.13	ng		95
71) Anthracene	17.76	178	391603	11.80	ng		99
72) Carbazole	18.03	167	356311	11.94	ng	#	92
73) Di-n-butylphthalate	18.56	149	418609	12.53	ng	#	96
74) Fluoranthene	19.67	202	533190	14.54	ng		92
76) Benzidine	19.84	184	277063	11.32	ng	#	93
77) Pyrene	20.03	202	561966	10.51	ng		95
79) Butylbenzylphthalate	20.89	149	221459	9.68	ng		96
80) Benzo(a)anthracene	21.91	228	634876	11.64	ng		95
81) 3,3'-Dichlorobenzidine	21.81	252	241893	10.87	ng		93
82) Chrysene	21.98	228	617055	11.85	ng		94
83) Bis(2-ethylhexyl)phthalate	21.77	149	320412	10.06	ng		99
84) Di-n-octyl phthalate	23.05	149	540777	10.10	ng		95
85) Indeno(1,2,3-cd)pyrene	29.31	276	760594	11.83	ng	#	56
87) Benzo(b)fluoranthene	24.26	252	649088m	11.14	ng		
88) Benzo(k)fluoranthene	24.33	252	622910	10.76	ng		96
89) Benzo(a)pyrene	25.20	252	625290	11.09	ng	#	98
90) Dibenzo(a,h)anthracene	29.36	278	656044	11.46	ng	#	96
91) Benzo(g,h,i)perylene	30.54	276	651690	11.58	ng		96

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

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