Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
Data File : BG037414.D
Acq On : 18 Oct 2018 11:11
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
10/19/2018 3:57:43 PM

Quant Time: Oct 18 12:36:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 12:15:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	61179	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	281091	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	183077	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	433110	20.00	ng		0.00
76) Chrysene-d12	21.78	240	383453	20.00	ng		0.00
87) Perylene-d12	25.11	264	401524	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	289705	83.34	ng		0.00
7) Phenol-d6	7.25	99	442215	83.81	ng		0.00
23) Nitrobenzene-d5	9.28	82	403427	94.36	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	169216	94.25	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	963914	79.07	ng		0.00
79) Terphenyl-d14	20.09	244	1437421	78.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	71775	36.763	ng		96
3) Pyridine	3.94	79	184197	39.736	ng		93
4) n-Nitrosodimethylamine	3.86	42	65000	36.108	ng	#	84
6) Aniline	7.43	93	267426	38.718	ng		97
8) 2-Chlorophenol	7.67	128	169552	41.674	ng		97
9) Benzaldehyde	7.25	77	136589	37.599	ng		99
10) Phenol	7.27	94	231526	41.663	ng		98
11) bis(2-Chloroethyl)ether	7.53	93	173548	38.227	ng		98
12) 1,3-Dichlorobenzene	8.00	146	186201	38.931	ng		98
13) 1,4-Dichlorobenzene	8.14	146	190903	39.424	ng		97
14) 1,2-Dichlorobenzene	8.46	146	183794	39.169	ng		99
15) Benzyl Alcohol	8.34	79	165774	40.166	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	311593	34.718	ng		98
17) 2-Methylphenol	8.54	107	155589	41.805	ng		99
18) Hexachloroethane	9.20	117	65583	39.681	ng		92
19) n-Nitroso-di-n-propylamine	8.91	70	154944	38.787	ng		94
20) 3+4-Methylphenols	8.87	107	220735	42.417	ng		99
22) Acetophenone	8.94	105	282041	39.804	ng		97
24) Nitrobenzene	9.33	77	210874	46.049	ng		93
25) Isophorone	9.85	82	377043	38.630	ng		97
26) 2-Nitrophenol	10.04	139	97047	59.560	ng		98
27) 2,4-Dimethylphenol	10.08	122	169761	41.612	ng		99
28) bis(2-Chloroethoxy)methane	10.33	93	243567	39.887	ng		98
29) 2,4-Dichlorophenol	10.56	162	188504	45.519	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	200510	39.789	ng		99
31) Naphthalene	10.98	128	545325	39.919	ng		99
32) Benzoic acid	10.21	122	112363m	49.880	ng		
33) 4-Chloroaniline	11.09	127	263336	41.093	ng		96
34) Hexachlorobutadiene	11.25	225	121976	38.977	ng		97
35) Caprolactam	11.88	113	77796	46.081	ng		94
36) 4-Chloro-3-methylphenol	12.19	107	213154	43.582	ng		97
37) 2-Methylnaphthalene	12.58	142	407048	40.830	ng		99
38) 1-Methylnaphthalene	12.80	142	387402	39.787	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	237144	39.999	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	116746	47.765	ng		100
43) 2,4,6-Trichlorophenol	13.17	196	164252	47.756	ng		98
44) 2,4,5-Trichlorophenol	13.24	196	178601	48.263	ng		99
46) 1,1'-Biphenyl	13.58	154	604410	40.133	ng		99
47) 2-Chloronaphthalene	13.63	162	458699	40.323	ng		98
48) 2-Nitroaniline	13.83	65	142665	51.898	ng		89
49) Acenaphthylene	14.47	152	699002	40.168	ng		100
50) Dimethylphthalate	14.19	163	573124	39.835	ng		99
51) 2,6-Dinitrotoluene	14.32	165	130380	50.211	ng		94
52) Acenaphthene	14.81	154	422259	39.283	ng		99
53) 3-Nitroaniline	14.65	138	145984	48.496	ng	#	94
54) 2,4-Dinitrophenol	14.85	184	36419	50.587	ng		98
55) Dibenzofuran	15.14	168	698242	40.033	ng		100
56) 4-Nitrophenol	14.94	139	107703	45.900	ng		97
57) 2,4-Dinitrotoluene	15.10	165	174845	53.597	ng		96
58) Fluorene	15.79	166	524043	39.727	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	150434	45.916	ng		99
60) Diethylphthalate	15.55	149	586431	39.330	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	308197	39.971	ng		98
62) 4-Nitroaniline	15.82	138	145389	46.016	ng		88
63) Azobenzene	16.07	77	550429	38.503	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	81314	67.375	ng		98
66) n-Nitrosodiphenylamine	15.99	169	522503	41.080	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	189560	40.553	ng		96
68) Hexachlorobenzene	16.78	284	196904	40.629	ng		99
69) Atrazine	16.93	200	193530	40.939	ng		98
70) Pentachlorophenol	17.13	266	135807	43.433	ng		97
71) Phenanthrene	17.53	178	867669	39.355	ng		99
72) Anthracene	17.62	178	857312	39.728	ng		99
73) Carbazole	17.89	167	868819	39.076	ng		100
74) Di-n-butylphthalate	18.43	149	979723	41.112	ng		99
75) Fluoranthene	19.54	202	996281	38.663	ng		99
77) Benzidine	19.72	184	539726	36.793	ng		99
78) Pyrene	19.90	202	1006867	40.289	ng		99
80) Butylbenzylphthalate	20.77	149	429349	44.157	ng		98
81) Benzo(a)anthracene	21.75	228	912215	39.722	ng		97
82) 3,3'-Dichlorobenzidine	21.67	252	365898	41.303	ng		99
83) Chrysene	21.82	228	875112	39.947	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	603812	43.246	ng		98
85) Di-n-octyl phthalate	22.89	149	984744	43.454	ng		98
86) Indeno(1,2,3-cd)pyrene	28.94	276	962066	39.621	ng	#	87
88) Benzo(b)fluoranthene	24.04	252	889317	40.738	ng		98
89) Benzo(k)fluoranthene	24.11	252	871600	40.462	ng		98
90) Benzo(a)pyrene	24.95	252	848727	40.545	ng		98
91) Dibenzo(a,h)anthracene	29.01	278	795144	39.700	ng		98
92) Benzo(g,h,i)perylene	30.15	276	789655	39.475	ng		100

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

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