Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033591.D
Acq On : 5 Apr 2018 14:09
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/6/2018 5:27:44 PM

Quant Time: Apr 05 17:46:48 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	35547	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	163791	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	128986	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	323207	20.00	ng		0.00
75) Chrysene-d12	22.56	240	314986	20.00	ng		0.00
86) Perylene-d12	26.32	264	334810	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	169719	89.53	ng		0.00
7) Phenol-d6	7.97	99	298031	91.50	ng		0.00
23) Nitrobenzene-d5	10.06	82	313353	87.90	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	143206	74.23	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	730856	81.80	ng		0.00
78) Terphenyl-d14	20.73	244	1174577	79.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	40132	41.686	ng		93
3) Pyridine	4.39	79	122944	46.197	ng		97
4) n-Nitrosodimethylamine	4.30	42	47467	43.462	ng	#	87
6) Aniline	8.16	93	173302	45.243	ng	#	95
8) 2-Chlorophenol	8.41	128	96861	44.694	ng		93
9) Benzaldehyde	7.96	77	75110m	36.285	ng		
10) Phenol	8.01	94	149537	46.499	ng		94
11) bis(2-Chloroethyl)ether	8.25	93	117261	44.672	ng		94
12) 1,3-Dichlorobenzene	8.75	146	117767	41.564	ng		95
13) 1,4-Dichlorobenzene	8.90	146	114568	40.375	ng		95
14) 1,2-Dichlorobenzene	9.23	146	113635	41.031	ng		96
15) Benzyl Alcohol	9.10	79	112144	43.729	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.38	45	201022	46.977	ng		91
17) 2-Methylphenol	9.30	107	95513	43.598	ng	#	87
18) Hexachloroethane	9.98	117	46095	42.089	ng		96
19) n-Nitroso-di-n-propylamine	9.66	70	110521	46.306	ng		95
20) 3+4-Methylphenols	9.63	107	147147m	47.174	ng		
22) Acetophenone	9.70	105	193330	43.084	ng	#	96
24) Nitrobenzene	10.11	77	162504	42.587	ng	#	89
25) Isophorone	10.62	82	304913	44.068	ng		98
26) 2-Nitrophenol	10.83	139	63178	43.732	ng		91
27) 2,4-Dimethylphenol	10.86	122	92165	43.916	ng		97
28) bis(2-Chloroethoxy)methane	11.10	93	148593	43.042	ng		95
29) 2,4-Dichlorophenol	11.38	162	116480	45.131	ng		97
30) 1,2,4-Trichlorobenzene	11.60	180	136369	40.667	ng		97
31) Naphthalene	11.80	128	365008	43.004	ng		97
32) Benzoic acid	11.00	122	78911m	40.448	ng		
33) 4-Chloroaniline	11.89	127	169533	44.583	ng		95
34) Hexachlorobutadiene	12.05	225	94941	37.440	ng		95
35) Caprolactam	12.64	113	45279	44.781	ng		90
36) 4-Chloro-3-methylphenol	12.96	107	152197	45.213	ng		90
37) 2-Methylnaphthalene	13.35	142	280974	42.650	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	181250	38.793	ng		98
40) Hexachlorocyclopentadiene	13.67	237	90485	33.036	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	111012	40.895	ng		98
43) 2,4,5-Trichlorophenol	14.00	196	132409	41.267	ng		94
45) 1,1'-Biphenyl	14.32	154	411936	41.569	ng		95
46) 2-Chloronaphthalene	14.37	162	321780	42.113	ng		96
47) 2-Nitroaniline	14.57	65	130577	45.626	ng		91
48) Acenaphthylene	15.21	152	544709	42.709	ng		98
49) Dimethylphthalate	14.90	163	473840	42.212	ng		100
50) 2,6-Dinitrotoluene	15.04	165	101791	44.348	ng		99
51) Acenaphthene	15.54	154	349030	42.452	ng		99
52) 3-Nitroaniline	15.38	138	104221	43.311	ng	#	96
53) 2,4-Dinitrophenol	15.58	184	35957m	35.004	ng		
54) Dibenzofuran	15.87	168	502006	41.336	ng		92
55) 4-Nitrophenol	15.67	139	57922	34.231	ng	#	84
56) 2,4-Dinitrotoluene	15.81	165	140967	41.712	ng		98
57) Fluorene	16.51	166	428485	41.414	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.08	232	120938	40.037	ng		99
59) Diethylphthalate	16.24	149	462898	42.468	ng		97
60) 4-Chlorophenyl-phenylether	16.49	204	236169	39.709	ng		100
61) 4-Nitroaniline	16.53	138	100961	41.431	ng		89
62) Azobenzene	16.78	77	469274	44.444	ng		97
64) 4,6-Dinitro-2-methylphenol	16.57	198	71676	37.070	ng		97
65) n-Nitrosodiphenylamine	16.70	169	390936	42.368	ng		96
66) 4-Bromophenyl-phenylether	17.38	248	149474	39.379	ng	#	91
67) Hexachlorobenzene	17.51	284	155591	38.840	ng		95
68) Atrazine	17.62	200	151252	40.452	ng		94
69) Pentachlorophenol	17.85	266	93219	33.904	ng		98
70) Phenanthrene	18.25	178	692463	41.138	ng		98
71) Anthracene	18.34	178	706926	41.478	ng		99
72) Carbazole	18.60	167	630077	41.719	ng	#	96
73) Di-n-butylphthalate	19.09	149	763131	43.411	ng	#	98
74) Fluoranthene	20.20	202	842803	40.461	ng		99
76) Benzidine	20.37	184	407551m	47.712	ng		
77) Pyrene	20.56	202	861993	41.032	ng		99
79) Butylbenzylphthalate	21.41	149	342739	44.211	ng		98
80) Benzo(a)anthracene	22.54	228	813651	40.567	ng		98
81) 3,3'-Dichlorobenzidine	22.42	252	301261	42.210	ng		99
82) Chrysene	22.61	228	809232	41.680	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	488162	45.680	ng		96
84) Di-n-octyl phthalate	23.75	149	784862m	47.967	ng		
85) Indeno(1,2,3-cd)pyrene	30.69	276	832784m	39.673	ng		
87) Benzo(b)fluoranthene	25.10	252	788161	40.745	ng	#	95
88) Benzo(k)fluoranthene	25.19	252	808720	41.338	ng		97
89) Benzo(a)pyrene	26.14	252	758165	40.814	ng	#	98
90) Dibenzo(a,h)anthracene	30.76	278	670664m	38.328	ng		
91) Benzo(g,h,i)perylene	32.07	276	680510m	39.274	ng		

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

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