Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
Data File : BG032170.D
Acq On : 20 Jan 2018 4:30
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/22/2018 5:27:17 PM

Quant Time: Jan 20 05:57:14 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	42681	20.00	ng		0.02
21) Naphthalene-d8	11.65	136	173273	20.00	ng		0.02
38) Acenaphthene-d10	15.39	164	124378	20.00	ng		0.01
63) Phenanthrene-d10	18.12	188	330123	20.00	ng		0.01
75) Chrysene-d12	22.46	240	402449	20.00	ng		0.01
86) Perylene-d12	26.17	264	423304	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.19	112	176702	75.72	ng		0.02
7) Phenol-d6	7.88	99	237123	80.68	ng		0.03
23) Nitrobenzene-d5	9.96	82	217987	85.11	ng		0.02
41) 2,4,6-Tribromophenol	16.87	330	168345	81.79	ng		0.01
44) 2-Fluorobiphenyl	14.02	172	782428	78.00	ng		0.02
78) Terphenyl-d14	20.66	244	1366206	74.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.84	88	29920	33.373	ng	#	80
3) Pyridine	4.30	79	88885	37.142	ng	#	83
4) n-Nitrosodimethylamine	4.20	42	40020	47.601	ng	#	86
6) Aniline	8.06	93	141172	38.081	ng		96
8) 2-Chlorophenol	8.31	128	99429	38.076	ng		84
9) Benzaldehyde	7.87	77	63248	37.141	ng		81
10) Phenol	7.90	94	112261	38.775	ng		97
11) bis(2-Chloroethyl)ether	8.15	93	85668	36.934	ng	#	83
12) 1,3-Dichlorobenzene	8.65	146	135228m	39.567	ng		
13) 1,4-Dichlorobenzene	8.81	146	133181	38.702	ng		96
14) 1,2-Dichlorobenzene	9.13	146	128155	38.504	ng		94
15) Benzyl Alcohol	9.00	79	90525	42.398	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.30	45	84983	36.051	ng		82
17) 2-Methylphenol	9.20	107	83991	37.960	ng		90
18) Hexachloroethane	9.89	117	42554	40.237	ng	#	82
19) n-Nitroso-di-n-propylamine	9.58	70	72151	39.566	ng	#	87
20) 3+4-Methylphenols	9.53	107	122036	39.814	ng		98
22) Acetophenone	9.61	105	157772	40.085	ng	#	92
24) Nitrobenzene	10.01	77	109236	42.759	ng		89
25) Isophorone	10.53	82	186888	39.188	ng	#	86
26) 2-Nitrophenol	10.73	139	63233	41.773	ng	#	85
27) 2,4-Dimethylphenol	10.77	122	93487	38.918	ng		93
28) bis(2-Chloroethoxy)methane	11.01	93	108963	37.923	ng		96
29) 2,4-Dichlorophenol	11.27	162	124640	42.168	ng		87
30) 1,2,4-Trichlorobenzene	11.50	180	159105	41.680	ng		98
31) Naphthalene	11.70	128	334981	39.026	ng		98
32) Benzoic acid	10.89	122	71540	38.316	ng	#	84
33) 4-Chloroaniline	11.79	127	148856	40.441	ng	#	93
34) Hexachlorobutadiene	11.97	225	120205	43.842	ng		95
35) Caprolactam	12.54	113	36167	40.333	ng	#	49
36) 4-Chloro-3-methylphenol	12.86	107	114974	42.497	ng	#	88
37) 2-Methylnaphthalene	13.25	142	272167	39.938	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.61	216	220964	40.756	ng	#	96
40) Hexachlorocyclopentadiene	13.58	237	128405	42.050	ng		89

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.83	196	126603	41.559	ng		97
43) 2,4,5-Trichlorophenol	13.91	196	144452	40.967	ng	#	90
45) 1,1'-Biphenyl	14.23	154	406968	38.168	ng		96
46) 2-Chloronaphthalene	14.29	162	316331	38.136	ng		96
47) 2-Nitroaniline	14.47	65	71689	45.146	ng	#	82
48) Acenaphthylene	15.12	152	484198	38.333	ng		98
49) Dimethylphthalate	14.82	163	428597	39.378	ng		98
50) 2,6-Dinitrotoluene	14.95	165	94458	41.811	ng	#	72
51) Acenaphthene	15.46	154	329560	39.457	ng		99
52) 3-Nitroaniline	15.28	138	84175	41.253	ng	#	77
53) 2,4-Dinitrophenol	15.48	184	45364	43.508	ng	#	80
54) Dibenzofuran	15.79	168	490406	39.359	ng		99
55) 4-Nitrophenol	15.56	139	65989	44.377	ng	#	80
56) 2,4-Dinitrotoluene	15.73	165	132999	43.727	ng	#	68
57) Fluorene	16.43	166	402797	39.417	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.00	232	137887	42.272	ng	#	86
59) Diethylphthalate	16.16	149	423859	40.170	ng		97
60) 4-Chlorophenyl-phenylether	16.41	204	256636	40.940	ng		93
61) 4-Nitroaniline	16.44	138	91409	46.701	ng		92
62) Azobenzene	16.70	77	264380	40.031	ng		88
64) 4,6-Dinitro-2-methylphenol	16.48	198	88315	42.427	ng	#	69
65) n-Nitrosodiphenylamine	16.62	169	375961	37.531	ng		100
66) 4-Bromophenyl-phenylether	17.30	248	183702	39.110	ng		94
67) Hexachlorobenzene	17.42	284	192410	37.026	ng	#	93
68) Atrazine	17.54	200	165261	39.229	ng		95
69) Pentachlorophenol	17.76	266	131515	39.594	ng		99
70) Phenanthrene	18.16	178	700922	38.135	ng		100
71) Anthracene	18.26	178	706524	38.541	ng		99
72) Carbazole	18.52	167	633089	39.810	ng		99
73) Di-n-butylphthalate	19.02	149	714517	38.024	ng		100
74) Fluoranthene	20.13	202	926257	40.250	ng		95
76) Benzidine	20.29	184	347565	34.536	ng		98
77) Pyrene	20.49	202	937995	37.076	ng		98
79) Butylbenzylphthalate	21.34	149	323790	35.721	ng	#	78
80) Benzo(a)anthracene	22.44	228	978878	39.111	ng		99
81) 3,3'-Dichlorobenzidine	22.33	252	386071	41.293	ng	#	97
82) Chrysene	22.52	228	933438	38.834	ng		98
83) Bis(2-ethylhexyl)phthalate	22.28	149	461779	34.740	ng	#	97
84) Di-n-octyl phthalate	23.66	149	728938	34.528	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.48	276	1179269	40.090	ng	#	85
87) Benzo(b)fluoranthene	24.98	252	1016941	39.745	ng	#	96
88) Benzo(k)fluoranthene	25.06	252	988884	39.552	ng	#	96
89) Benzo(a)pyrene	26.00	252	974733	40.272	ng	#	96
90) Dibenzo(a,h)anthracene	30.56	278	978190	41.940	ng	#	95
91) Benzo(g,h,i)perylene	31.83	276	967131	40.569	ng	#	92

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

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