Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
Data File : BG033951.D
Acq On : 24 Apr 2018 12:41
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 24 23:59:14 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	59958	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	301853	20.00	ng		-0.01
38) Acenaphthene-d10	14.46	164	211671	20.00	ng		-0.01
63) Phenanthrene-d10	17.21	188	512944	20.00	ng		-0.01
75) Chrysene-d12	21.47	240	499371	20.00	ng		-0.02
86) Perylene-d12	24.53	264	516217	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	286489	76.28	ng		-0.01
7) Phenol-d6	7.00	99	421410	76.93	ng		0.00
23) Nitrobenzene-d5	8.98	82	428118	80.71	ng		0.00
41) 2,4,6-Tribromophenol	15.96	330	208783	84.55	ng		-0.01
44) 2-Fluorobiphenyl	13.08	172	1096570	76.10	ng		-0.02
78) Terphenyl-d14	19.85	244	1668015	75.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	55746	35.129	ng		91
3) Pyridine	3.80	79	177094	38.570	ng		95
4) n-Nitrosodimethylamine	3.72	42	74187	35.466	ng	#	94
6) Aniline	7.16	93	278057	37.975	ng		98
8) 2-Chlorophenol	7.40	128	161261	38.322	ng		95
9) Benzaldehyde	6.98	77	108904	36.963	ng		93
10) Phenol	7.02	94	213399	38.029	ng		97
11) bis(2-Chloroethyl)ether	7.26	93	165818	38.636	ng		92
12) 1,3-Dichlorobenzene	7.72	146	189688	39.158	ng		94
13) 1,4-Dichlorobenzene	7.87	146	194532	39.648	ng		94
14) 1,2-Dichlorobenzene	8.18	146	188224	39.449	ng		94
15) Benzyl Alcohol	8.06	79	178108	37.289	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.35	45	299986	35.837	ng		95
17) 2-Methylphenol	8.26	107	159459	38.347	ng		96
18) Hexachloroethane	8.91	117	69480	38.753	ng		96
19) n-Nitroso-di-n-propylamine	8.63	70	171765	36.787	ng	#	96
20) 3+4-Methylphenols	8.59	107	229979	38.062	ng		95
22) Acetophenone	8.65	105	304981	37.122	ng		97
24) Nitrobenzene	9.02	77	223941	38.745	ng		94
25) Isophorone	9.55	82	428561	35.938	ng	#	93
26) 2-Nitrophenol	9.73	139	103662	45.391	ng		93
27) 2,4-Dimethylphenol	9.79	122	161131	37.721	ng		93
28) bis(2-Chloroethoxy)methane	10.03	93	239797	38.049	ng		97
29) 2,4-Dichlorophenol	10.26	162	188976	39.685	ng		92
30) 1,2,4-Trichlorobenzene	10.47	180	214461	40.210	ng		98
31) Naphthalene	10.66	128	594450	38.296	ng		99
32) Benzoic acid	9.93	122	175290	41.895	ng	#	87
33) 4-Chloroaniline	10.77	127	276072	37.839	ng		98
34) Hexachlorobutadiene	10.96	225	135195	42.373	ng		97
35) Caprolactam	11.54	113	80543	39.783	ng		89
36) 4-Chloro-3-methylphenol	11.90	107	214183	36.852	ng		91
37) 2-Methylnaphthalene	12.28	142	455514	38.329	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	278167	39.576	ng		97
40) Hexachlorocyclopentadiene	12.63	237	155825	40.320	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	174614	40.746	ng		98
43) 2,4,5-Trichlorophenol	12.95	196	200581	40.713	ng		96
45) 1,1'-Biphenyl	13.29	154	646342	37.721	ng		96
46) 2-Chloronaphthalene	13.34	162	492186	37.883	ng		98
47) 2-Nitroaniline	13.53	65	160901	39.664	ng		91
48) Acenaphthylene	14.18	152	803855	37.222	ng		98
49) Dimethylphthalate	13.93	163	680945	36.571	ng		98
50) 2,6-Dinitrotoluene	14.04	165	147499	41.801	ng		86
51) Acenaphthene	14.53	154	503831	37.138	ng		98
52) 3-Nitroaniline	14.36	138	162430	42.393	ng	#	83
53) 2,4-Dinitrophenol	14.57	184	66984	53.081	ng	#	52
54) Dibenzofuran	14.86	168	749088	37.243	ng		98
55) 4-Nitrophenol	14.67	139	127298	42.362	ng	#	83
56) 2,4-Dinitrotoluene	14.83	165	206751	44.062	ng	#	80
57) Fluorene	15.51	166	647088	37.178	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.09	232	183263	40.626	ng		98
59) Diethylphthalate	15.30	149	703750	35.758	ng		99
60) 4-Chlorophenyl-phenylether	15.51	204	347731	38.197	ng		95
61) 4-Nitroaniline	15.53	138	166390	40.901	ng		91
62) Azobenzene	15.80	77	602513	34.343	ng		99
64) 4,6-Dinitro-2-methylphenol	15.59	198	110586	45.208	ng		85
65) n-Nitrosodiphenylamine	15.73	169	566961	38.018	ng		99
66) 4-Bromophenyl-phenylether	16.41	248	222445	39.488	ng		99
67) Hexachlorobenzene	16.52	284	237071	39.462	ng	#	71
68) Atrazine	16.68	200	215926	36.960	ng		98
69) Pentachlorophenol	16.86	266	170055	41.210	ng	#	62
70) Phenanthrene	17.25	178	1018493	37.013	ng		98
71) Anthracene	17.35	178	1038586	37.741	ng		98
72) Carbazole	17.61	167	969875	36.532	ng		98
73) Di-n-butylphthalate	18.20	149	1176245	35.615	ng		99
74) Fluoranthene	19.28	202	1212051	36.413	ng		96
76) Benzidine	19.46	184	322635	23.926	ng		99
77) Pyrene	19.63	202	1240407	37.871	ng		96
79) Butylbenzylphthalate	20.55	149	526070	36.574	ng		92
80) Benzo(a)anthracene	21.45	228	1180011	37.473	ng		97
81) 3,3'-Dichlorobenzidine	21.38	252	455779	38.819	ng		97
82) Chrysene	21.51	228	1125592	37.433	ng		96
83) Bis(2-ethylhexyl)phthalate	21.40	149	739741	36.416	ng		98
84) Di-n-octyl phthalate	22.57	149	1180715	36.620	ng		99
85) Indeno(1,2,3-cd)pyrene	27.99	276	1354678	39.577	ng	#	95
87) Benzo(b)fluoranthene	23.56	252	1186952	37.691	ng		99
88) Benzo(k)fluoranthene	23.63	252	1159334	37.061	ng		97
89) Benzo(a)pyrene	24.39	252	1136242	37.673	ng		99
90) Dibenzo(a,h)anthracene	28.06	278	1126861	38.613	ng		98
91) Benzo(g,h,i)perylene	29.06	276	1103252	38.419	ng		98

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

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