Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG032618\
Data File : BG033341.D
Acq On : 26 Mar 2018 22:25
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/27/2018 2:57:50 PM

Quant Time: Mar 27 08:20:32 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	42008	20.00	ng		-0.03
21) Naphthalene-d8	11.75	136	184607	20.00	ng		-0.03
38) Acenaphthene-d10	15.48	164	136715	20.00	ng		-0.03
63) Phenanthrene-d10	18.21	188	340287	20.00	ng		-0.02
75) Chrysene-d12	22.56	240	343973	20.00	ng		-0.04
86) Perylene-d12	26.32	264	379395	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	190741	85.14	ng		-0.02
7) Phenol-d6	7.97	99	314339	81.66	ng		-0.02
23) Nitrobenzene-d5	10.07	82	316902	78.87	ng		-0.03
41) 2,4,6-Tribromophenol	16.96	330	167825	82.08	ng		-0.03
44) 2-Fluorobiphenyl	14.11	172	767216	81.01	ng		-0.02
78) Terphenyl-d14	20.73	244	1234938	76.78	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	40563	35.654	ng		87
3) Pyridine	4.39	79	123529	39.278	ng		96
4) n-Nitrosodimethylamine	4.30	42	50341	39.004	ng	#	89
6) Aniline	8.16	93	184136	40.678	ng		97
8) 2-Chlorophenol	8.41	128	106583	41.616	ng		96
9) Benzaldehyde	7.97	77	84729	34.637	ng		97
10) Phenol	8.00	94	156294	41.125	ng		92
11) bis(2-Chloroethyl)ether	8.25	93	122775	39.579	ng		96
12) 1,3-Dichlorobenzene	8.75	146	130142	38.867	ng		97
13) 1,4-Dichlorobenzene	8.90	146	130798	39.005	ng		96
14) 1,2-Dichlorobenzene	9.23	146	128074	39.132	ng		96
15) Benzyl Alcohol	9.10	79	124555	41.098	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	9.39	45	189136	37.401	ng		88
17) 2-Methylphenol	9.30	107	100203	38.704	ng	#	89
18) Hexachloroethane	9.98	117	51401	39.715	ng		94
19) n-Nitroso-di-n-propylamine	9.67	70	114390	40.555	ng		99
20) 3+4-Methylphenols	9.64	107	155291	42.128	ng		95
22) Acetophenone	9.71	105	213763	42.266	ng	#	94
24) Nitrobenzene	10.11	77	164826	38.324	ng		97
25) Isophorone	10.63	82	309403	39.675	ng		98
26) 2-Nitrophenol	10.83	139	67805	41.642	ng	#	89
27) 2,4-Dimethylphenol	10.86	122	99479	42.056	ng		87
28) bis(2-Chloroethoxy)methane	11.11	93	157495	40.476	ng		98
29) 2,4-Dichlorophenol	11.38	162	122583	42.140	ng		94
30) 1,2,4-Trichlorobenzene	11.60	180	153614	40.645	ng		99
31) Naphthalene	11.80	128	375475	39.249	ng		98
32) Benzoic acid	10.99	122	101403m	46.116	ng		
33) 4-Chloroaniline	11.90	127	168121	39.226	ng		95
34) Hexachlorobutadiene	12.06	225	118679	41.524	ng		94
35) Caprolactam	12.65	113	45422	39.857	ng	#	89
36) 4-Chloro-3-methylphenol	12.96	107	152002	40.063	ng		98
37) 2-Methylnaphthalene	13.35	142	288166	38.810	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	203967	41.187	ng		99
40) Hexachlorocyclopentadiene	13.67	237	115225	39.690	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	126853	44.088	ng		97
43) 2,4,5-Trichlorophenol	14.01	196	151523	44.554	ng		98
45) 1,1'-Biphenyl	14.32	154	419381	39.928	ng		98
46) 2-Chloronaphthalene	14.38	162	330564	40.817	ng		99
47) 2-Nitroaniline	14.57	65	124990	41.204	ng		97
48) Acenaphthylene	15.21	152	532522	39.393	ng		99
49) Dimethylphthalate	14.91	163	477316	40.118	ng		99
50) 2,6-Dinitrotoluene	15.04	165	101568	41.750	ng		94
51) Acenaphthene	15.55	154	352772	40.481	ng		95
52) 3-Nitroaniline	15.38	138	98196	38.500	ng	#	91
53) 2,4-Dinitrophenol	15.58	184	49169	42.942	ng	#	77
54) Dibenzofuran	15.88	168	503744	39.134	ng		94
55) 4-Nitrophenol	15.66	139	70486	39.301	ng	#	81
56) 2,4-Dinitrotoluene	15.82	165	142850	39.880	ng		91
57) Fluorene	16.52	166	430688	39.274	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.09	232	135893	42.445	ng		95
59) Diethylphthalate	16.25	149	456597	39.521	ng		98
60) 4-Chlorophenyl-phenylether	16.49	204	245554	38.953	ng		98
61) 4-Nitroaniline	16.53	138	99777	38.631	ng		87
62) Azobenzene	16.79	77	424115	37.896	ng		98
64) 4,6-Dinitro-2-methylphenol	16.58	198	73264	35.990	ng		92
65) n-Nitrosodiphenylamine	16.70	169	394823	40.642	ng		96
66) 4-Bromophenyl-phenylether	17.39	248	168939	42.273	ng		99
67) Hexachlorobenzene	17.52	284	176133	41.761	ng		96
68) Atrazine	17.63	200	164363	41.753	ng		95
69) Pentachlorophenol	17.85	266	116005	40.074	ng		98
70) Phenanthrene	18.26	178	695790	39.261	ng		99
71) Anthracene	18.34	178	708773	39.499	ng		99
72) Carbazole	18.60	167	613967	38.612	ng		97
73) Di-n-butylphthalate	19.10	149	746789	40.349	ng		99
74) Fluoranthene	20.21	202	846606	38.603	ng		97
76) Benzidine	20.36	184	371888	39.868	ng		98
77) Pyrene	20.56	202	872916	38.050	ng		98
79) Butylbenzylphthalate	21.42	149	340155	40.180	ng		92
80) Benzo(a)anthracene	22.54	228	864446	39.467	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	339106	43.508	ng		98
82) Chrysene	22.62	228	835325	39.399	ng		97
83) Bis(2-ethylhexyl)phthalate	22.36	149	482709	41.363	ng		98
84) Di-n-octyl phthalate	23.76	149	776423	43.453	ng		96
85) Indeno(1,2,3-cd)pyrene	30.70	276	991292	43.244	ng	#	88
87) Benzo(b)fluoranthene	25.11	252	859727	39.222	ng	#	96
88) Benzo(k)fluoranthene	25.19	252	865084	39.022	ng	#	97
89) Benzo(a)pyrene	26.14	252	823661	39.129	ng	#	95
90) Dibenzo(a,h)anthracene	30.77	278	819230	41.316	ng	#	93
91) Benzo(g,h,i)perylene	32.08	276	807661	41.135	ng	#	93

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

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