Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
Data File : BG032535.D
Acq On : 5 Feb 2018 15:53
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/6/2018 8:45:05 AM

Quant Time: Feb 06 03:32:59 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	20472	20.00	ng		-0.01
21) Naphthalene-d8	11.59	136	84207	20.00	ng		-0.01
38) Acenaphthene-d10	15.34	164	61107	20.00	ng		-0.01
63) Phenanthrene-d10	18.08	188	159855	20.00	ng		-0.01
75) Chrysene-d12	22.41	240	187311	20.00	ng		-0.01
86) Perylene-d12	26.08	264	242005	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	81045	79.52	ng		0.00
7) Phenol-d6	7.82	99	100475	73.87	ng		0.00
23) Nitrobenzene-d5	9.91	82	103214	76.56	ng		-0.01
41) 2,4,6-Tribromophenol	16.83	330	100330	86.26	ng		-0.01
44) 2-Fluorobiphenyl	13.97	172	387946	75.46	ng		-0.02
78) Terphenyl-d14	20.62	244	741534	84.80	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	12523	36.518	ng	#	74
3) Pyridine	4.27	79	34588	37.354	ng	#	79
4) n-Nitrosodimethylamine	4.18	42	16350	33.920	ng	#	72
6) Aniline	8.01	93	65213	38.456	ng		98
8) 2-Chlorophenol	8.26	128	49015	40.683	ng		83
9) Benzaldehyde	7.81	77	23916	34.045	ng		81
10) Phenol	7.86	94	49873	38.613	ng		92
11) bis(2-Chloroethyl)ether	8.09	93	38682	39.306	ng	#	75
12) 1,3-Dichlorobenzene	8.59	146	66196	40.628	ng		98
13) 1,4-Dichlorobenzene	8.75	146	64738	39.642	ng		91
14) 1,2-Dichlorobenzene	9.08	146	65238	40.780	ng		94
15) Benzyl Alcohol	8.95	79	41121	36.685	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	9.23	45	35244	37.793	ng		65
17) 2-Methylphenol	9.15	107	38195	36.410	ng		94
18) Hexachloroethane	9.83	117	22396	40.847	ng	#	76
19) n-Nitroso-di-n-propylamine	9.52	70	33056	36.656	ng	#	91
20) 3+4-Methylphenols	9.49	107	56098	38.124	ng		92
22) Acetophenone	9.55	105	78476	39.757	ng	#	88
24) Nitrobenzene	9.95	77	50657	38.858	ng		91
25) Isophorone	10.47	82	92413	40.257	ng	#	84
26) 2-Nitrophenol	10.68	139	32692	41.485	ng	#	83
27) 2,4-Dimethylphenol	10.72	122	43197	38.190	ng		97
28) bis(2-Chloroethoxy)methane	10.95	93	50818	40.370	ng	#	94
29) 2,4-Dichlorophenol	11.22	162	56240	37.533	ng		84
30) 1,2,4-Trichlorobenzene	11.44	180	78792	39.454	ng		92
31) Naphthalene	11.64	128	172776	42.010	ng		97
32) Benzoic acid	10.84	122	32938m	40.396	ng		
33) 4-Chloroaniline	11.74	127	71085	38.752	ng	#	91
34) Hexachlorobutadiene	11.91	225	61532	39.601	ng		97
35) Caprolactam	12.50	113	16725	38.882	ng	#	44
36) 4-Chloro-3-methylphenol	12.82	107	54267	38.181	ng	#	85
37) 2-Methylnaphthalene	13.21	142	136947	39.635	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	104993	36.727	ng	#	95
40) Hexachlorocyclopentadiene	13.53	237	62435	34.954	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	58000	37.299	ng		96
43) 2,4,5-Trichlorophenol	13.87	196	68760	37.932	ng	#	92
45) 1,1'-Biphenyl	14.18	154	199139	38.573	ng		94
46) 2-Chloronaphthalene	14.23	162	154216	38.112	ng		98
47) 2-Nitroaniline	14.43	65	32530	36.354	ng	#	72
48) Acenaphthylene	15.07	152	236457	38.655	ng		100
49) Dimethylphthalate	14.77	163	211996	37.626	ng		99
50) 2,6-Dinitrotoluene	14.90	165	44637	37.745	ng	#	78
51) Acenaphthene	15.41	154	168478	39.713	ng		98
52) 3-Nitroaniline	15.24	138	40738	39.439	ng	#	66
53) 2,4-Dinitrophenol	15.44	184	25608	37.015	ng	#	79
54) Dibenzofuran	15.74	168	241214	38.415	ng		99
55) 4-Nitrophenol	15.53	139	25991	33.610	ng	#	74
56) 2,4-Dinitrotoluene	15.69	165	66482	39.484	ng	#	69
57) Fluorene	16.38	166	205343	39.354	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.95	232	69565	38.910	ng	#	84
59) Diethylphthalate	16.11	149	209552	38.187	ng		98
60) 4-Chlorophenyl-phenylether	16.36	204	126879	38.562	ng		94
61) 4-Nitroaniline	16.40	138	42889	38.739	ng		83
62) Azobenzene	16.65	77	128382	39.148	ng		88
64) 4,6-Dinitro-2-methylphenol	16.44	198	40375	33.809	ng	#	78
65) n-Nitrosodiphenylamine	16.57	169	187719	39.349	ng		99
66) 4-Bromophenyl-phenylether	17.25	248	92924	39.238	ng		92
67) Hexachlorobenzene	17.38	284	107743	41.111	ng	#	89
68) Atrazine	17.50	200	80414	39.266	ng		98
69) Pentachlorophenol	17.72	266	61937	37.726	ng		96
70) Phenanthrene	18.12	178	356612	40.003	ng		99
71) Anthracene	18.21	178	363777	40.983	ng		98
72) Carbazole	18.48	167	318210	40.574	ng		98
73) Di-n-butylphthalate	18.98	149	368544	42.443	ng		100
74) Fluoranthene	20.09	202	470206	40.220	ng		95
76) Benzidine	20.25	184	175824	47.804	ng		97
77) Pyrene	20.44	202	486886	42.380	ng		100
79) Butylbenzylphthalate	21.30	149	173415	47.855	ng	#	76
80) Benzo(a)anthracene	22.38	228	465280	40.068	ng		99
81) 3,3'-Dichlorobenzidine	22.28	252	184296	40.963	ng	#	97
82) Chrysene	22.46	228	441302	39.352	ng		97
83) Bis(2-ethylhexyl)phthalate	22.22	149	222594	43.322	ng	#	98
84) Di-n-octyl phthalate	23.59	149	385745	47.332	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.33	276	680711	47.983	ng	#	84
87) Benzo(b)fluoranthene	24.90	252	533127	36.459	ng	#	96
88) Benzo(k)fluoranthene	24.98	252	540829	37.336	ng	#	94
89) Benzo(a)pyrene	25.90	252	550955	39.522	ng	#	93
90) Dibenzo(a,h)anthracene	30.41	278	573704	40.230	ng	#	95
91) Benzo(g,h,i)perylene	31.68	276	557205	39.365	ng	#	91

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

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