Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010318\
Data File : BG031883.D
Acq On : 3 Jan 2018 10:21
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 03 12:21:47 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	41742	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	183872	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	135332	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	365778	20.00	ng		0.00
75) Chrysene-d12	22.50	240	404965	20.00	ng		0.00
86) Perylene-d12	26.22	264	438018	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	178749	78.00	ng		0.00
7) Phenol-d6	7.89	99	249927	84.00	ng		0.00
23) Nitrobenzene-d5	9.99	82	215285	88.41	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	188769	91.41	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	818366	75.90	ng		0.00
78) Terphenyl-d14	20.68	244	1363683	76.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	33119	38.985	ng	#	69
3) Pyridine	4.32	79	97655	43.004	ng	#	74
4) n-Nitrosodimethylamine	4.22	42	36323	39.639	ng	#	70
6) Aniline	8.08	93	156872	40.978	ng	#	91
8) 2-Chlorophenol	8.33	128	106218	39.955	ng	#	82
9) Benzaldehyde	7.89	77	65458	36.535	ng		83
10) Phenol	7.91	94	123251	41.028	ng		90
11) bis(2-Chloroethyl)ether	8.17	93	93443	37.454	ng	#	83
12) 1,3-Dichlorobenzene	8.67	146	126551	38.334	ng	#	93
13) 1,4-Dichlorobenzene	8.82	146	131427	38.972	ng		95
14) 1,2-Dichlorobenzene	9.16	146	124841	39.069	ng		95
15) Benzyl Alcohol	9.02	79	92137	41.249	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.32	45	72724	35.795	ng		83
17) 2-Methylphenol	9.22	107	88709	41.271	ng		94
18) Hexachloroethane	9.91	117	39539	38.711	ng		92
19) n-Nitroso-di-n-propylamine	9.60	70	80162	39.448	ng	#	83
20) 3+4-Methylphenols	9.55	107	129151	42.277	ng		92
22) Acetophenone	9.63	105	164780	38.573	ng	#	87
24) Nitrobenzene	10.03	77	107687	42.910	ng	#	85
25) Isophorone	10.55	82	205496	39.203	ng	#	88
26) 2-Nitrophenol	10.76	139	66497	50.536	ng	#	80
27) 2,4-Dimethylphenol	10.79	122	109758	39.640	ng		87
28) bis(2-Chloroethoxy)methane	11.03	93	133725	38.020	ng		95
29) 2,4-Dichlorophenol	11.30	162	133654	41.117	ng		92
30) 1,2,4-Trichlorobenzene	11.53	180	151688	38.219	ng		97
31) Naphthalene	11.72	128	371280	40.010	ng		98
32) Benzoic acid	10.89	122	67708	37.552	ng	#	75
33) 4-Chloroaniline	11.82	127	167818	40.620	ng	#	90
34) Hexachlorobutadiene	11.99	225	103901	38.132	ng		98
35) Caprolactam	12.56	113	46915	47.615	ng	#	46
36) 4-Chloro-3-methylphenol	12.88	107	132766	44.225	ng	#	81
37) 2-Methylnaphthalene	13.28	142	301437	40.071	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	210607	36.947	ng	#	96
40) Hexachlorocyclopentadiene	13.61	237	103830	34.528	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	134360	40.882	ng		97
43) 2,4,5-Trichlorophenol	13.93	196	152219	41.793	ng	#	92
45) 1,1'-Biphenyl	14.26	154	442743	38.304	ng		96
46) 2-Chloronaphthalene	14.31	162	334290	37.917	ng		97
47) 2-Nitroaniline	14.50	65	75099	49.320	ng	#	59
48) Acenaphthylene	15.15	152	558926	39.627	ng		98
49) Dimethylphthalate	14.85	163	480958	40.341	ng		99
50) 2,6-Dinitrotoluene	14.98	165	102846	46.892	ng	#	66
51) Acenaphthene	15.48	154	370532	40.112	ng		99
52) 3-Nitroaniline	15.31	138	103879	48.546	ng	#	70
53) 2,4-Dinitrophenol	15.50	184	34472	41.101	ng	#	1
54) Dibenzofuran	15.81	168	572570	40.435	ng		98
55) 4-Nitrophenol	15.58	139	75946	43.607	ng	#	71
56) 2,4-Dinitrotoluene	15.75	165	144596	51.272	ng	#	61
57) Fluorene	16.46	166	468095	40.692	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.02	232	150909	42.468	ng	#	86
59) Diethylphthalate	16.19	149	469687	40.420	ng		94
60) 4-Chlorophenyl-phenylether	16.43	204	279943	39.773	ng		93
61) 4-Nitroaniline	16.46	138	106093	50.808	ng		79
62) Azobenzene	16.73	77	298942	40.115	ng		82
64) 4,6-Dinitro-2-methylphenol	16.51	198	80703	45.811	ng	#	65
65) n-Nitrosodiphenylamine	16.65	169	448477	36.917	ng		98
66) 4-Bromophenyl-phenylether	17.33	248	198674	37.561	ng		94
67) Hexachlorobenzene	17.45	284	212626	39.323	ng	#	90
68) Atrazine	17.57	200	178952	37.883	ng		98
69) Pentachlorophenol	17.78	266	143855	38.680	ng		96
70) Phenanthrene	18.20	178	789469	38.138	ng		99
71) Anthracene	18.28	178	797098	38.173	ng		99
72) Carbazole	18.54	167	708102	38.313	ng		98
73) Di-n-butylphthalate	19.05	149	789368	38.432	ng		99
74) Fluoranthene	20.15	202	981074	38.626	ng		96
76) Benzidine	20.31	184	369656	29.574	ng		98
77) Pyrene	20.51	202	996284	38.514	ng		97
79) Butylbenzylphthalate	21.37	149	345447	39.781	ng	#	76
80) Benzo(a)anthracene	22.47	228	982817	38.152	ng		99
81) 3,3'-Dichlorobenzidine	22.36	252	390343	39.082	ng	#	98
82) Chrysene	22.54	228	918668	37.691	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	472453	37.553	ng	#	97
84) Di-n-octyl phthalate	23.71	149	797631	37.645	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.56	276	1220284	39.025	ng	#	89
87) Benzo(b)fluoranthene	25.03	252	1014018	37.294	ng	#	97
88) Benzo(k)fluoranthene	25.11	252	1027300	37.754	ng	#	97
89) Benzo(a)pyrene	26.05	252	980992	37.672	ng	#	98
90) Dibenzo(a,h)anthracene	30.64	278	1036743	38.549	ng	#	96
91) Benzo(g,h,i)perylene	30.56	276	1220284	38.431	ng	#	93

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

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