Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010918\
Data File : BG031962.D
Acq On : 10 Jan 2018 1:11
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jan 10 01:56:40 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	53498	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	239799	20.00	ng		0.00
38) Acenaphthene-d10	15.41	164	164240	20.00	ng		-0.02
63) Phenanthrene-d10	18.14	188	400837	20.00	ng		-0.02
75) Chrysene-d12	22.48	240	433483	20.00	ng		-0.04
86) Perylene-d12	26.20	264	450335	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	228860	77.92	ng		0.00
7) Phenol-d6	7.88	99	315582	82.75	ng		0.00
23) Nitrobenzene-d5	9.98	82	278820	87.80	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	213655	85.25	ng		-0.02
44) 2-Fluorobiphenyl	14.04	172	998614	76.31	ng		-0.01
78) Terphenyl-d14	20.67	244	1461707	77.04	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	41925	38.506	ng	#	68
3) Pyridine	4.32	79	120702	41.473	ng	#	78
4) n-Nitrosodimethylamine	4.22	42	48643	41.419	ng	#	86
6) Aniline	8.07	93	191725	39.077	ng		93
8) 2-Chlorophenol	8.33	128	135957	39.904	ng	#	79
9) Benzaldehyde	7.88	77	78734	34.288	ng		83
10) Phenol	7.91	94	155255	40.325	ng		90
11) bis(2-Chloroethyl)ether	8.16	93	118069	36.926	ng	#	82
12) 1,3-Dichlorobenzene	8.66	146	164881	38.969	ng	#	94
13) 1,4-Dichlorobenzene	8.82	146	169751	39.275	ng		92
14) 1,2-Dichlorobenzene	9.15	146	162997	39.801	ng		96
15) Benzyl Alcohol	9.01	79	120459	42.078	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.30	45	92415	35.491	ng		85
17) 2-Methylphenol	9.21	107	111152	40.348	ng		98
18) Hexachloroethane	9.90	117	53637	40.975	ng	#	85
19) n-Nitroso-di-n-propylamine	9.59	70	98773	37.926	ng	#	83
20) 3+4-Methylphenols	9.55	107	157408	40.204	ng		96
22) Acetophenone	9.62	105	210931	37.861	ng	#	86
24) Nitrobenzene	10.02	77	138674	42.370	ng	#	84
25) Isophorone	10.54	82	253019	37.011	ng	#	88
26) 2-Nitrophenol	10.75	139	86458	50.382	ng	#	81
27) 2,4-Dimethylphenol	10.78	122	136311	37.748	ng		88
28) bis(2-Chloroethoxy)methane	11.03	93	166670	36.335	ng		97
29) 2,4-Dichlorophenol	11.29	162	166481	39.271	ng		92
30) 1,2,4-Trichlorobenzene	11.52	180	197850	38.224	ng		96
31) Naphthalene	11.71	128	459598	37.977	ng		97
32) Benzoic acid	10.90	122	102805	42.620	ng	#	77
33) 4-Chloroaniline	11.81	127	206943	38.408	ng	#	91
34) Hexachlorobutadiene	11.98	225	140462	39.528	ng		96
35) Caprolactam	12.56	113	50626	39.398	ng	#	49
36) 4-Chloro-3-methylphenol	12.88	107	155928	39.826	ng	#	78
37) 2-Methylnaphthalene	13.28	142	372339	37.952	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	267846	38.718	ng	#	96
40) Hexachlorocyclopentadiene	13.61	237	152686	41.838	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	163614	41.021	ng		98
43) 2,4,5-Trichlorophenol	13.92	196	186588	42.213	ng	#	92
45) 1,1'-Biphenyl	14.25	154	538006	38.353	ng		95
46) 2-Chloronaphthalene	14.30	162	409362	38.259	ng		94
47) 2-Nitroaniline	14.49	65	88568	47.928	ng	#	65
48) Acenaphthylene	15.14	152	651427	38.056	ng		99
49) Dimethylphthalate	14.84	163	543788	37.583	ng	#	99
50) 2,6-Dinitrotoluene	14.97	165	117814	44.262	ng	#	69
51) Acenaphthene	15.47	154	449215	40.070	ng		99
52) 3-Nitroaniline	15.30	138	115244	44.378	ng	#	69
53) 2,4-Dinitrophenol	15.50	184	70007	63.637	ng	#	77
54) Dibenzofuran	15.80	168	653125	38.006	ng		99
55) 4-Nitrophenol	15.57	139	88794	42.011	ng	#	71
56) 2,4-Dinitrotoluene	15.74	165	163533	47.780	ng	#	63
57) Fluorene	16.45	166	529734	37.945	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.01	232	175074	40.596	ng	#	86
59) Diethylphthalate	16.18	149	527052	37.373	ng		96
60) 4-Chlorophenyl-phenylether	16.43	204	326978	38.279	ng		93
61) 4-Nitroaniline	16.45	138	116455	45.954	ng		83
62) Azobenzene	16.72	77	335989	37.150	ng		82
64) 4,6-Dinitro-2-methylphenol	16.50	198	100726	51.022	ng	#	69
65) n-Nitrosodiphenylamine	16.64	169	507224	38.101	ng		100
66) 4-Bromophenyl-phenylether	17.32	248	227374	39.227	ng		93
67) Hexachlorobenzene	17.45	284	236076	39.842	ng	#	88
68) Atrazine	17.56	200	197879	38.226	ng		99
69) Pentachlorophenol	17.78	266	169482	41.585	ng		98
70) Phenanthrene	18.19	178	855822	37.727	ng		99
71) Anthracene	18.28	178	858551	37.520	ng		98
72) Carbazole	18.54	167	763711	37.708	ng		100
73) Di-n-butylphthalate	19.04	149	845667	37.572	ng		99
74) Fluoranthene	20.14	202	1047702	37.641	ng		96
76) Benzidine	20.30	184	557932	41.700	ng		96
77) Pyrene	20.50	202	1059059	38.248	ng		98
79) Butylbenzylphthalate	21.37	149	372915	40.119	ng	#	75
80) Benzo(a)anthracene	22.46	228	1047450	37.986	ng		99
81) 3,3'-Dichlorobenzidine	22.35	252	404758	37.860	ng	#	99
82) Chrysene	22.54	228	984040	37.717	ng		98
83) Bis(2-ethylhexyl)phthalate	22.30	149	499444	37.087	ng	#	98
84) Di-n-octyl phthalate	23.69	149	822721	36.275	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.52	276	1239068	37.019	ng	#	88
87) Benzo(b)fluoranthene	25.01	252	1086344	38.862	ng	#	97
88) Benzo(k)fluoranthene	25.09	252	1047935	37.459	ng	#	97
89) Benzo(a)pyrene	26.03	252	1018351	38.037	ng	#	98
90) Dibenzo(a,h)anthracene	30.61	278	1041800	37.678	ng	#	97
91) Benzo(g,h,i)perylene	30.52	276	1239068	37.955	ng	#	91

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

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