Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030932.D
Acq On : 11 Nov 2017 7:45
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 13 03:17:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	40271	20.00	ng		-0.01
21) Naphthalene-d8	10.96	136	183271	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	125704	20.00	ng		-0.01
63) Phenanthrene-d10	17.50	188	325246	20.00	ng		-0.01
75) Chrysene-d12	21.78	240	396336	20.00	ng		0.00
86) Perylene-d12	25.07	264	403999	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	193808	82.52	ng		-0.01
7) Phenol-d6	7.31	99	257879	81.51	ng		0.00
23) Nitrobenzene-d5	9.31	82	252367	81.60	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	171217	84.20	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	723033	82.65	ng		-0.01
78) Terphenyl-d14	20.09	244	1449038	80.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	38833	40.746	ng	#	84
3) Pyridine	3.96	79	116198	41.997	ng		90
4) n-Nitrosodimethylamine	3.88	42	53053	40.459	ng	#	94
6) Aniline	7.47	93	167424	40.209	ng		94
8) 2-Chlorophenol	7.71	128	106233	40.990	ng		91
9) Benzaldehyde	7.28	77	88419	39.935	ng		89
10) Phenol	7.33	94	133526	40.638	ng		94
11) bis(2-Chloroethyl)ether	7.55	93	108925	41.519	ng		89
12) 1,3-Dichlorobenzene	8.03	146	123276	40.542	ng		97
13) 1,4-Dichlorobenzene	8.18	146	128313	41.642	ng		94
14) 1,2-Dichlorobenzene	8.50	146	120466	40.733	ng		95
15) Benzyl Alcohol	8.38	79	100687	39.674	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	113702	39.237	ng		91
17) 2-Methylphenol	8.59	107	90273	39.454	ng		94
18) Hexachloroethane	9.23	117	44113	41.133	ng		95
19) n-Nitroso-di-n-propylamine	8.95	70	96888	40.275	ng	#	97
20) 3+4-Methylphenols	8.92	107	131098	40.294	ng		95
22) Acetophenone	8.97	105	184895	40.518	ng	#	92
24) Nitrobenzene	9.35	77	128331	40.619	ng		93
25) Isophorone	9.87	82	238831	39.595	ng	#	92
26) 2-Nitrophenol	10.07	139	69326	42.097	ng		91
27) 2,4-Dimethylphenol	10.12	122	98017	40.092	ng		96
28) bis(2-Chloroethoxy)methane	10.35	93	153340	40.363	ng		95
29) 2,4-Dichlorophenol	10.61	162	123467	42.056	ng		92
30) 1,2,4-Trichlorobenzene	10.82	180	145953	41.641	ng		99
31) Naphthalene	11.01	128	366605	40.691	ng		98
32) Benzoic acid	10.27	122	68029	35.130	ng		86
33) 4-Chloroaniline	11.11	127	159557	40.456	ng		95
34) Hexachlorobutadiene	11.28	225	102547	42.186	ng		96
35) Caprolactam	11.88	113	46298	38.605	ng	#	78
36) 4-Chloro-3-methylphenol	12.24	107	128630	40.257	ng		89
37) 2-Methylnaphthalene	12.60	142	282470	40.614	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	211018	42.296	ng	#	95
40) Hexachlorocyclopentadiene	12.94	237	61601	39.594	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	117354	41.146	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	125928	40.354	ng		94
45) 1,1'-Biphenyl	13.60	154	427997	41.060	ng		98
46) 2-Chloronaphthalene	13.65	162	306370	40.736	ng		95
47) 2-Nitroaniline	13.85	65	89185	40.009	ng	#	84
48) Acenaphthylene	14.49	152	501419	40.735	ng		98
49) Dimethylphthalate	14.21	163	437153	40.221	ng		99
50) 2,6-Dinitrotoluene	14.33	165	92259	41.183	ng	#	80
51) Acenaphthene	14.83	154	316443	41.162	ng		99
52) 3-Nitroaniline	14.67	138	95395	40.104	ng	#	77
53) 2,4-Dinitrophenol	14.88	184	39806	35.795	ng	#	52
54) Dibenzofuran	15.16	168	505793	41.306	ng		99
55) 4-Nitrophenol	14.99	139	68933	40.681	ng	#	80
56) 2,4-Dinitrotoluene	15.13	165	135960	41.980	ng	#	71
57) Fluorene	15.81	166	403938	40.632	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.39	232	123741	41.606	ng	#	88
59) Diethylphthalate	15.56	149	441118	39.955	ng		99
60) 4-Chlorophenyl-phenylether	15.79	204	250971	41.800	ng		92
61) 4-Nitroaniline	15.83	138	101548	40.316	ng		91
62) Azobenzene	16.09	77	336766	39.997	ng		94
64) 4,6-Dinitro-2-methylphenol	15.89	198	86693	40.101	ng		77
65) n-Nitrosodiphenylamine	16.01	169	394539	40.031	ng		98
66) 4-Bromophenyl-phenylether	16.68	248	166386	40.391	ng		97
67) Hexachlorobenzene	16.81	284	182443	41.682	ng		93
68) Atrazine	16.95	200	159805	39.299	ng		96
69) Pentachlorophenol	17.16	266	100718	41.627	ng		98
70) Phenanthrene	17.55	178	685392	40.473	ng		99
71) Anthracene	17.64	178	690775	40.709	ng		99
72) Carbazole	17.91	167	649394	40.844	ng		99
73) Di-n-butylphthalate	18.44	149	777219	39.813	ng		100
74) Fluoranthene	19.55	202	925181	43.149	ng		98
76) Benzidine	19.72	184	505202	39.682	ng		97
77) Pyrene	19.90	202	943661	40.124	ng		98
79) Butylbenzylphthalate	20.77	149	381316	40.664	ng		88
80) Benzo(a)anthracene	21.75	228	994761	40.407	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	408908	41.147	ng	#	97
82) Chrysene	21.83	228	929406	40.811	ng		99
83) Bis(2-ethylhexyl)phthalate	21.63	149	527775	38.991	ng		98
84) Di-n-octyl phthalate	22.87	149	887256	40.272	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.87	276	1152335	41.623	ng	#	86
87) Benzo(b)fluoranthene	24.02	252	1000843	40.955	ng	#	98
88) Benzo(k)fluoranthene	24.10	252	995048	41.079	ng		98
89) Benzo(a)pyrene	24.92	252	951698	40.994	ng		98
90) Dibenzo(a,h)anthracene	28.92	278	983380	41.442	ng		97
91) Benzo(g,h,i)perylene	30.05	276	942508	40.924	ng		96

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

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