Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060817\
Data File : BG027318.D
Acq On : 8 Jun 2017 15:40
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 08 17:42:23 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	49069	20.00	ng		-0.01
21) Naphthalene-d8	11.38	136	248558	20.00	ng		-0.02
38) Acenaphthene-d10	15.14	164	160629	20.00	ng		-0.02
63) Phenanthrene-d10	17.89	188	372725	20.00	ng		-0.03
75) Chrysene-d12	22.28	240	423342	20.00	ng		-0.03
86) Perylene-d12	25.96	264	396662	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	283568	88.19	ng		-0.01
7) Phenol-d6	7.69	99	438280	92.85	ng		-0.01
23) Nitrobenzene-d5	9.72	82	396702	100.37	ng		-0.02
41) 2,4,6-Tribromophenol	16.63	330	197399	93.32	ng		-0.02
44) 2-Fluorobiphenyl	13.76	172	929052	80.91	ng		-0.03
78) Terphenyl-d14	20.47	244	1367938	82.43	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	4.16	88	54905	41.179	ng	#	83
3) Pyridine	4.54	79	177170	43.105	ng	#	77
4) n-Nitrosodimethylamine	4.45	42	68135	44.771	ng	#	54
6) Aniline	7.89	93	260217	43.777	ng		94
8) 2-Chlorophenol	8.12	128	146240	43.069	ng		95
9) Benzaldehyde	7.71	77	142498	43.663	ng		88
10) Phenol	7.72	94	221352	45.856	ng		78
11) bis(2-Chloroethyl)ether	7.97	93	172419	43.540	ng		88
12) 1,3-Dichlorobenzene	8.45	146	153428	40.062	ng		93
13) 1,4-Dichlorobenzene	8.59	146	158559	40.341	ng		94
14) 1,2-Dichlorobenzene	8.92	146	151933	39.633	ng		96
15) Benzyl Alcohol	8.79	79	158577	47.681	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	9.06	45	274481	48.442	ng		95
17) 2-Methylphenol	8.97	107	152823	44.788	ng	#	87
18) Hexachloroethane	9.65	117	57924	43.750	ng		84
19) n-Nitroso-di-n-propylamine	9.35	70	157153	47.592	ng	#	87
20) 3+4-Methylphenols	9.30	107	217354	45.986	ng		88
22) Acetophenone	9.38	105	271151	42.657	ng	#	86
24) Nitrobenzene	9.76	77	219540	48.757	ng		91
25) Isophorone	10.29	82	423736	45.595	ng	#	97
26) 2-Nitrophenol	10.48	139	90212	48.508	ng	#	81
27) 2,4-Dimethylphenol	10.52	122	175252	43.859	ng		92
28) bis(2-Chloroethoxy)methane	10.76	93	258432	42.946	ng		98
29) 2,4-Dichlorophenol	11.01	162	159044	43.599	ng		98
30) 1,2,4-Trichlorobenzene	11.23	180	161335	39.942	ng		98
31) Naphthalene	11.43	128	550870	40.551	ng		99
32) Benzoic acid	10.63	122	131132	47.537	ng		90
33) 4-Chloroaniline	11.53	127	238260	42.090	ng	#	90
34) Hexachlorobutadiene	11.70	225	97682	39.349	ng		97
35) Caprolactam	12.30	113	65602	52.436	ng	#	83
36) 4-Chloro-3-methylphenol	12.60	107	211663	46.295	ng		94
37) 2-Methylnaphthalene	12.99	142	404531	40.824	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.35	216	199292	39.826	ng		99
40) Hexachlorocyclopentadiene	13.33	237	109113	40.968	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	134245	44.230	ng		96
43) 2,4,5-Trichlorophenol	13.65	196	154482	45.485	ng		95
45) 1,1'-Biphenyl	13.98	154	533689	40.705	ng		96
46) 2-Chloronaphthalene	14.03	162	405038	41.205	ng		98
47) 2-Nitroaniline	14.22	65	153784	54.014	ng	#	86
48) Acenaphthylene	14.87	152	699097	42.023	ng		97
49) Dimethylphthalate	14.58	163	526372	41.309	ng		97
50) 2,6-Dinitrotoluene	14.70	165	119025	46.216	ng	#	81
51) Acenaphthene	15.20	154	467612	43.212	ng		99
52) 3-Nitroaniline	15.03	138	125101	46.300	ng		96
53) 2,4-Dinitrophenol	15.23	184	63974	58.669	ng	#	86
54) Dibenzofuran	15.54	168	618500	40.901	ng		92
55) 4-Nitrophenol	15.31	139	102858	45.587	ng	#	59
56) 2,4-Dinitrotoluene	15.48	165	163024	49.048	ng	#	91
57) Fluorene	16.19	166	556437	41.428	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.75	232	134229	44.273	ng		98
59) Diethylphthalate	15.93	149	545508	42.920	ng		97
60) 4-Chlorophenyl-phenylether	16.17	204	279906	41.371	ng		94
61) 4-Nitroaniline	16.20	138	132995	48.354	ng	#	67
62) Azobenzene	16.46	77	552560	46.907	ng		90
64) 4,6-Dinitro-2-methylphenol	16.24	198	93428	53.979	ng		86
65) n-Nitrosodiphenylamine	16.38	169	477492	40.863	ng		99
66) 4-Bromophenyl-phenylether	17.06	248	176116	39.923	ng		93
67) Hexachlorobenzene	17.19	284	191386	40.335	ng		92
68) Atrazine	17.31	200	168644	43.158	ng		97
69) Pentachlorophenol	17.52	266	120561	43.347	ng		98
70) Phenanthrene	17.94	178	846609	40.371	ng		95
71) Anthracene	18.02	178	870285	41.425	ng		98
72) Carbazole	18.29	167	835032	42.141	ng		96
73) Di-n-butylphthalate	18.82	149	907234	47.217	ng	#	94
74) Fluoranthene	19.92	202	972391	43.405	ng		93
76) Benzidine	20.09	184	516224	40.480	ng		99
77) Pyrene	20.29	202	990526	38.725	ng		97
79) Butylbenzylphthalate	21.17	149	401909	44.468	ng		95
80) Benzo(a)anthracene	22.25	228	998646	41.365	ng		95
81) 3,3'-Dichlorobenzidine	22.15	252	386237	41.124	ng	#	98
82) Chrysene	22.33	228	937225	40.435	ng		96
83) Bis(2-ethylhexyl)phthalate	22.11	149	585085	42.836	ng		99
84) Di-n-octyl phthalate	23.49	149	981833	43.403	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.22	276	1148067	40.898	ng	#	93
87) Benzo(b)fluoranthene	24.78	252	1025692	41.694	ng	#	96
88) Benzo(k)fluoranthene	24.86	252	992623	41.129	ng	#	94
89) Benzo(a)pyrene	25.79	252	951650	41.093	ng	#	93
90) Dibenzo(a,h)anthracene	30.30	278	1001986	41.332	ng	#	95
91) Benzo(g,h,i)perylene	31.55	276	950948	40.504	ng	#	89

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

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