Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
Data File : BG025963.D
Acq On : 27 Feb 2017 14:34
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 27 23:56:24 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	94466	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	493851	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	364789	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	783983	20.00	ng		0.00
75) Chrysene-d12	21.66	240	755859	20.00	ng		-0.02
86) Perylene-d12	24.86	264	763861	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	447000	82.38	ng		0.00
7) Phenol-d6	7.23	99	684932	85.30	ng		0.00
23) Nitrobenzene-d5	9.24	82	656322	83.87	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	299332	88.82	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1640947	78.60	ng		0.00
78) Terphenyl-d14	20.01	244	2398208	77.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	92586	37.34	ng	#	88
3) Pyridine	3.94	79	292242	39.55	ng	#	76
4) n-Nitrosodimethylamine	3.85	42	105826	39.82	ng	#	26
6) Aniline	7.40	93	466155	41.76	ng		92
8) 2-Chlorophenol	7.64	128	270685	41.97	ng		91
9) Benzaldehyde	7.21	77	189220	39.77	ng	#	76
10) Phenol	7.26	94	369258	42.32	ng	#	76
11) bis(2-Chloroethyl)ether	7.49	93	285663	39.83	ng		89
12) 1,3-Dichlorobenzene	7.97	146	298204	40.00	ng	#	88
13) 1,4-Dichlorobenzene	8.11	146	307892	40.77	ng		95
14) 1,2-Dichlorobenzene	8.44	146	297475	40.13	ng	#	91
15) Benzyl Alcohol	8.31	79	260992	44.39	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.60	45	405812	38.99	ng		92
17) 2-Methylphenol	8.51	107	267989	42.64	ng	#	84
18) Hexachloroethane	9.17	117	102839	41.09	ng		87
19) n-Nitroso-di-n-propylamine	8.88	70	252744	43.10	ng	#	82
20) 3+4-Methylphenols	8.84	107	390708	43.63	ng		87
22) Acetophenone	8.90	105	480372	40.54	ng	#	82
24) Nitrobenzene	9.28	77	348089	41.13	ng	#	80
25) Isophorone	9.80	82	716239	41.59	ng	#	91
26) 2-Nitrophenol	9.99	139	173770	43.91	ng	#	72
27) 2,4-Dimethylphenol	10.04	122	311472	42.17	ng		89
28) bis(2-Chloroethoxy)methane	10.28	93	441855	40.49	ng		98
29) 2,4-Dichlorophenol	10.52	162	303524	43.06	ng		95
30) 1,2,4-Trichlorobenzene	10.74	180	306884	40.03	ng		97
31) Naphthalene	10.93	128	1028945	40.30	ng		100
32) Benzoic acid	10.16	122	259489	46.02	ng	#	80
33) 4-Chloroaniline	11.03	127	464609	41.90	ng	#	85
34) Hexachlorobutadiene	11.22	225	173376	39.74	ng		97
35) Caprolactam	11.79	113	136587	47.98	ng	#	81
36) 4-Chloro-3-methylphenol	12.14	107	370365	43.91	ng	#	82
37) 2-Methylnaphthalene	12.53	142	795986	40.93	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	362837	39.69	ng		98
40) Hexachlorocyclopentadiene	12.87	237	186464	37.27	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	256661	43.47	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	295431	44.07	ng		95
45) 1,1'-Biphenyl	13.52	154	1050176	39.73	ng		99
46) 2-Chloronaphthalene	13.57	162	766575	40.11	ng		97
47) 2-Nitroaniline	13.75	65	272042	44.88	ng	#	76
48) Acenaphthylene	14.41	152	1393269	40.94	ng		99
49) Dimethylphthalate	14.13	163	1012677	40.46	ng		98
50) 2,6-Dinitrotoluene	14.25	165	241972	43.04	ng	#	69
51) Acenaphthene	14.75	154	910314	40.51	ng		98
52) 3-Nitroaniline	14.58	138	281053	44.69	ng	#	72
53) 2,4-Dinitrophenol	14.78	184	121321	41.24	ng		90
54) Dibenzofuran	15.08	168	1214874	40.55	ng		91
55) 4-Nitrophenol	14.87	139	224656	43.90	ng	#	50
56) 2,4-Dinitrotoluene	15.03	165	342085	45.23	ng	#	80
57) Fluorene	15.72	166	1087048	40.60	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	253562	42.88	ng		95
59) Diethylphthalate	15.49	149	1064787	41.14	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	499298	40.25	ng		96
61) 4-Nitroaniline	15.73	138	289076	44.35	ng	#	57
62) Azobenzene	16.00	77	918982	41.30	ng		86
64) 4,6-Dinitro-2-methylphenol	15.79	198	186777	40.71	ng		90
65) n-Nitrosodiphenylamine	15.92	169	947077	39.83	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	328122	39.93	ng		99
67) Hexachlorobenzene	16.73	284	340026	40.15	ng		96
68) Atrazine	16.86	200	344653	40.96	ng		98
69) Pentachlorophenol	17.06	266	218698	41.86	ng		99
70) Phenanthrene	17.46	178	1672352	39.29	ng		97
71) Anthracene	17.54	178	1725464	39.77	ng		99
72) Carbazole	17.81	167	1729698	39.68	ng		97
73) Di-n-butylphthalate	18.36	149	1808553	42.27	ng	#	94
74) Fluoranthene	19.45	202	1850724	39.50	ng		95
76) Benzidine	19.62	184	931375	39.03	ng		98
77) Pyrene	19.81	202	1895667	39.66	ng		99
79) Butylbenzylphthalate	20.69	149	799385	44.06	ng		90
80) Benzo(a)anthracene	21.64	228	1777589	40.28	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	671993	42.72	ng	#	97
82) Chrysene	21.70	228	1690283	39.83	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	1148497	43.84	ng		98
84) Di-n-octyl phthalate	22.75	149	1986607	45.92	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.51	276	2103411	42.08	ng	#	87
87) Benzo(b)fluoranthene	23.85	252	1829263	39.98	ng	#	95
88) Benzo(k)fluoranthene	23.91	252	1811991	40.59	ng	#	93
89) Benzo(a)pyrene	24.71	252	1754621	40.50	ng	#	94
90) Dibenzo(a,h)anthracene	28.57	278	1777810	40.85	ng	#	93
91) Benzo(g,h,i)perylene	29.65	276	1786016	40.93	ng	#	88

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

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