Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010218\
Data File : BG031870.D
Acq On : 2 Jan 2018 14:16
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 02 16:36:30 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	59403	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	249099	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	171407	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	420877	20.00	ng		0.00
75) Chrysene-d12	22.50	240	449361	20.00	ng		0.00
86) Perylene-d12	26.23	264	482481	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	247820	75.99	ng		0.00
7) Phenol-d6	7.89	99	342341	80.85	ng		0.00
23) Nitrobenzene-d5	9.99	82	292709	88.73	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	224563	85.86	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	1042728	76.35	ng		0.00
78) Terphenyl-d14	20.68	244	1526080	77.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	43580	36.047	ng	#	70
3) Pyridine	4.32	79	131481	40.686	ng	#	76
4) n-Nitrosodimethylamine	4.22	42	51545	39.527	ng	#	75
6) Aniline	8.08	93	209967	38.540	ng		89
8) 2-Chlorophenol	8.33	128	147921	39.100	ng		82
9) Benzaldehyde	7.89	77	89690	35.177	ng		81
10) Phenol	7.92	94	170560	39.897	ng		88
11) bis(2-Chloroethyl)ether	8.17	93	132866	37.423	ng	#	82
12) 1,3-Dichlorobenzene	8.68	146	181139	38.556	ng	#	92
13) 1,4-Dichlorobenzene	8.83	146	182480	38.023	ng		95
14) 1,2-Dichlorobenzene	9.16	146	175590	38.613	ng		97
15) Benzyl Alcohol	9.02	79	124999	39.323	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.32	45	104599	36.177	ng		82
17) 2-Methylphenol	9.22	107	121353	39.672	ng		95
18) Hexachloroethane	9.91	117	55408	38.120	ng	#	80
19) n-Nitroso-di-n-propylamine	9.61	70	109265	37.784	ng	#	84
20) 3+4-Methylphenols	9.55	107	169838	39.066	ng		92
22) Acetophenone	9.63	105	223948	38.696	ng	#	88
24) Nitrobenzene	10.03	77	144860	42.608	ng	#	85
25) Isophorone	10.55	82	278236	39.181	ng	#	89
26) 2-Nitrophenol	10.76	139	87762	49.233	ng	#	84
27) 2,4-Dimethylphenol	10.79	122	146391	39.026	ng		93
28) bis(2-Chloroethoxy)methane	11.03	93	184394	38.698	ng	#	95
29) 2,4-Dichlorophenol	11.30	162	178350	40.501	ng		89
30) 1,2,4-Trichlorobenzene	11.52	180	205339	38.190	ng		97
31) Naphthalene	11.72	128	492747	39.196	ng		98
32) Benzoic acid	10.90	122	87617	36.170	ng	#	76
33) 4-Chloroaniline	11.82	127	218091	38.966	ng	#	91
34) Hexachlorobutadiene	11.99	225	144486	39.142	ng		96
35) Caprolactam	12.57	113	56397	42.251	ng	#	44
36) 4-Chloro-3-methylphenol	12.89	107	165326	40.650	ng	#	78
37) 2-Methylnaphthalene	13.28	142	398658	39.118	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	273066	37.822	ng	#	97
40) Hexachlorocyclopentadiene	13.61	237	147960	38.848	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	170699	41.007	ng		98
43) 2,4,5-Trichlorophenol	13.94	196	186974	40.531	ng	#	90
45) 1,1'-Biphenyl	14.26	154	569901	38.928	ng		95
46) 2-Chloronaphthalene	14.31	162	430484	38.551	ng		95
47) 2-Nitroaniline	14.50	65	91832	47.617	ng	#	64
48) Acenaphthylene	15.15	152	692465	38.762	ng		99
49) Dimethylphthalate	14.85	163	579842	38.399	ng		97
50) 2,6-Dinitrotoluene	14.98	165	121340	43.681	ng	#	68
51) Acenaphthene	15.49	154	453945	38.799	ng		98
52) 3-Nitroaniline	15.31	138	118611	43.765	ng	#	78
53) 2,4-Dinitrophenol	15.51	184	36881	35.903	ng	#	29
54) Dibenzofuran	15.81	168	693341	38.659	ng		97
55) 4-Nitrophenol	15.58	139	88506	40.124	ng	#	70
56) 2,4-Dinitrotoluene	15.75	165	170539	47.744	ng	#	60
57) Fluorene	16.46	166	557998	38.298	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.02	232	181046	40.226	ng	#	85
59) Diethylphthalate	16.19	149	557303	37.866	ng		96
60) 4-Chlorophenyl-phenylether	16.43	204	340520	38.198	ng		94
61) 4-Nitroaniline	16.46	138	120477	45.554	ng		80
62) Azobenzene	16.73	77	359005	38.035	ng		83
64) 4,6-Dinitro-2-methylphenol	16.51	198	91608	45.305	ng	#	65
65) n-Nitrosodiphenylamine	16.65	169	534009	38.203	ng		98
66) 4-Bromophenyl-phenylether	17.33	248	237083	38.955	ng		95
67) Hexachlorobenzene	17.45	284	251593	40.439	ng	#	91
68) Atrazine	17.57	200	201874	37.141	ng		97
69) Pentachlorophenol	17.79	266	165097	38.580	ng		99
70) Phenanthrene	18.20	178	906442	38.056	ng		98
71) Anthracene	18.28	178	911141	37.922	ng		99
72) Carbazole	18.54	167	803117	37.766	ng		99
73) Di-n-butylphthalate	19.05	149	906851	38.372	ng		100
74) Fluoranthene	20.15	202	1094764	37.459	ng		96
76) Benzidine	20.31	184	432600	31.190	ng		98
77) Pyrene	20.51	202	1101490	38.374	ng		96
79) Butylbenzylphthalate	21.38	149	389161	40.387	ng	#	76
80) Benzo(a)anthracene	22.47	228	1086673	38.016	ng		100
81) 3,3'-Dichlorobenzidine	22.36	252	430050	38.804	ng	#	97
82) Chrysene	22.55	228	1021409	37.766	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	538173	38.551	ng	#	97
84) Di-n-octyl phthalate	23.71	149	905659	38.521	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.56	276	1347652	38.841	ng	#	89
87) Benzo(b)fluoranthene	25.03	252	1152775	38.491	ng	#	97
88) Benzo(k)fluoranthene	25.11	252	1107567	36.953	ng	#	97
89) Benzo(a)pyrene	26.05	252	1086592	37.882	ng	#	96
90) Dibenzo(a,h)anthracene	30.65	278	1141296	38.526	ng		96
91) Benzo(g,h,i)perylene	30.56	276	1347652	38.531	ng	#	94

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

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