Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
Data File : BG034002.D
Acq On : 26 Apr 2018 00:50
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Apr 26 06:31:10 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	66070	20.00	ng		-0.01
21) Naphthalene-d8	10.61	136	327161	20.00	ng		-0.02
38) Acenaphthene-d10	14.46	164	229266	20.00	ng		-0.02
63) Phenanthrene-d10	17.21	188	575879	20.00	ng		-0.02
75) Chrysene-d12	21.47	240	573165	20.00	ng		-0.02
86) Perylene-d12	24.52	264	584919	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	301128	72.77	ng		-0.01
7) Phenol-d6	7.00	99	452668	74.99	ng		0.00
23) Nitrobenzene-d5	8.98	82	463657	80.65	ng		-0.01
41) 2,4,6-Tribromophenol	15.95	330	241363	90.24	ng		-0.02
44) 2-Fluorobiphenyl	13.08	172	1187310	76.08	ng		-0.02
78) Terphenyl-d14	19.85	244	1874392	73.47	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	54661	31.259	ng		90
3) Pyridine	3.80	79	177758	35.133	ng		92
4) n-Nitrosodimethylamine	3.72	42	78102	33.883	ng	#	89
6) Aniline	7.16	93	297230	36.838	ng		98
8) 2-Chlorophenol	7.40	128	175425	37.831	ng		92
9) Benzaldehyde	6.97	77	115084	34.879	ng		99
10) Phenol	7.02	94	223219	36.099	ng		99
11) bis(2-Chloroethyl)ether	7.26	93	179666	37.990	ng		94
12) 1,3-Dichlorobenzene	7.72	146	206578	38.700	ng		96
13) 1,4-Dichlorobenzene	7.86	146	207910	38.455	ng		97
14) 1,2-Dichlorobenzene	8.18	146	201556	38.335	ng		98
15) Benzyl Alcohol	8.06	79	193213	36.709	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.35	45	303725	32.928	ng		96
17) 2-Methylphenol	8.26	107	167907	36.643	ng		92
18) Hexachloroethane	8.90	117	74191	37.553	ng		98
19) n-Nitroso-di-n-propylamine	8.63	70	182121	35.397	ng		97
20) 3+4-Methylphenols	8.59	107	247826	37.221	ng		96
22) Acetophenone	8.64	105	328906	36.938	ng	#	94
24) Nitrobenzene	9.02	77	238941	38.142	ng		95
25) Isophorone	9.54	82	458368	35.464	ng	#	93
26) 2-Nitrophenol	9.73	139	115257	46.564	ng		94
27) 2,4-Dimethylphenol	9.79	122	170831	36.898	ng		93
28) bis(2-Chloroethoxy)methane	10.03	93	253967	37.180	ng		97
29) 2,4-Dichlorophenol	10.26	162	205687	39.853	ng		93
30) 1,2,4-Trichlorobenzene	10.48	180	234361	40.542	ng		98
31) Naphthalene	10.66	128	632735	37.609	ng		99
32) Benzoic acid	9.94	122	189706	41.841	ng		87
33) 4-Chloroaniline	10.77	127	295446	37.362	ng		96
34) Hexachlorobutadiene	10.95	225	148840	43.041	ng		95
35) Caprolactam	11.55	113	84555	38.534	ng	#	82
36) 4-Chloro-3-methylphenol	11.90	107	231172	36.698	ng		89
37) 2-Methylnaphthalene	12.27	142	489282	37.985	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	306360	40.242	ng		98
40) Hexachlorocyclopentadiene	12.63	237	172135	41.122	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	192472	41.466	ng		96
43) 2,4,5-Trichlorophenol	12.96	196	225410	42.241	ng		95
45) 1,1'-Biphenyl	13.29	154	703721	37.918	ng		97
46) 2-Chloronaphthalene	13.33	162	531953	37.802	ng		98
47) 2-Nitroaniline	13.53	65	177855	40.479	ng		90
48) Acenaphthylene	14.18	152	871254	37.247	ng		98
49) Dimethylphthalate	13.92	163	744880	36.935	ng		99
50) 2,6-Dinitrotoluene	14.04	165	166510	43.567	ng		86
51) Acenaphthene	14.52	154	547179	37.237	ng		99
52) 3-Nitroaniline	14.37	138	178698	43.059	ng	#	80
53) 2,4-Dinitrophenol	14.57	184	58171	42.560	ng	#	56
54) Dibenzofuran	14.86	168	820396	37.658	ng		96
55) 4-Nitrophenol	14.67	139	135452	41.616	ng		87
56) 2,4-Dinitrotoluene	14.82	165	234324	46.106	ng	#	82
57) Fluorene	15.51	166	705039	37.399	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.08	232	204697	41.895	ng		96
59) Diethylphthalate	15.29	149	762896	35.788	ng		98
60) 4-Chlorophenyl-phenylether	15.51	204	388859	39.436	ng		97
61) 4-Nitroaniline	15.53	138	187708	42.600	ng		88
62) Azobenzene	15.80	77	637911	33.570	ng		96
64) 4,6-Dinitro-2-methylphenol	15.59	198	124677	45.371	ng		91
65) n-Nitrosodiphenylamine	15.72	169	622094	37.156	ng		98
66) 4-Bromophenyl-phenylether	16.40	248	251654	39.791	ng		96
67) Hexachlorobenzene	16.52	284	267389	39.645	ng	#	73
68) Atrazine	16.68	200	241311	36.791	ng		99
69) Pentachlorophenol	16.86	266	190210	41.057	ng		90
70) Phenanthrene	17.26	178	1127997	36.512	ng		97
71) Anthracene	17.34	178	1137197	36.808	ng		98
72) Carbazole	17.61	167	1076847	36.129	ng		98
73) Di-n-butylphthalate	18.20	149	1293783	34.892	ng		98
74) Fluoranthene	19.27	202	1372072	36.715	ng		96
76) Benzidine	19.46	184	631133	40.777	ng		98
77) Pyrene	19.64	202	1382295	36.769	ng		95
79) Butylbenzylphthalate	20.55	149	575878	34.882	ng		90
80) Benzo(a)anthracene	21.45	228	1330731	36.819	ng		98
81) 3,3'-Dichlorobenzidine	21.37	252	517399	38.394	ng		97
82) Chrysene	21.52	228	1269878	36.794	ng		95
83) Bis(2-ethylhexyl)phthalate	21.39	149	805313	34.540	ng		97
84) Di-n-octyl phthalate	22.56	149	1281042	34.616	ng		98
85) Indeno(1,2,3-cd)pyrene	27.99	276	1513011	38.512	ng	#	93
87) Benzo(b)fluoranthene	23.56	252	1330220	37.279	ng		99
88) Benzo(k)fluoranthene	23.63	252	1334270	37.643	ng		96
89) Benzo(a)pyrene	24.38	252	1278710	37.417	ng		100
90) Dibenzo(a,h)anthracene	28.06	278	1260187	38.109	ng		98
91) Benzo(g,h,i)perylene	29.07	276	1242953	38.200	ng		98

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

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