Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
Data File : BG031164.D
Acq On : 21 Nov 2017 22:20
Operator : SJ/JU
Sample : I6505-03MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01MSD

Quant Time: Nov 22 00:35:06 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	59660	20.00	ng		-0.02
21) Naphthalene-d8	10.95	136	262944	20.00	ng		-0.02
38) Acenaphthene-d10	14.76	164	175863	20.00	ng		-0.02
63) Phenanthrene-d10	17.50	188	447798	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	511540	20.00	ng		-0.01
86) Perylene-d12	25.08	264	513891	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	239608	68.87	ng		0.00
7) Phenol-d6	7.30	99	193074	41.19	ng		0.00
23) Nitrobenzene-d5	9.31	82	417002	93.97	ng		-0.02
41) 2,4,6-Tribromophenol	16.25	330	333609	117.27	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	1155817	94.44	ng		-0.02
78) Terphenyl-d14	20.09	244	2045351	88.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	24869	17.614	ng	#	83
3) Pyridine	3.95	79	59143	14.429	ng		85
4) n-Nitrosodimethylamine	3.87	42	34064	17.535	ng	#	89
6) Aniline	7.46	93	58373	9.463	ng		95
8) 2-Chlorophenol	7.70	128	164079	42.734	ng		88
9) Benzaldehyde	7.27	77	75014	22.870	ng		84
10) Phenol	7.33	94	77681	15.958	ng		92
11) bis(2-Chloroethyl)ether	7.55	93	189970	48.878	ng		90
12) 1,3-Dichlorobenzene	8.03	146	200976	44.614	ng		97
13) 1,4-Dichlorobenzene	8.17	146	204695	44.841	ng		92
14) 1,2-Dichlorobenzene	8.50	146	198294	45.258	ng		96
15) Benzyl Alcohol	8.37	79	107027	28.466	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	273304	63.662	ng		88
17) 2-Methylphenol	8.58	107	114625	33.816	ng		97
18) Hexachloroethane	9.22	117	69913	44.004	ng		95
19) n-Nitroso-di-n-propylamine	8.94	70	152218	42.711	ng	#	95
20) 3+4-Methylphenols	8.91	107	139269	28.894	ng		94
22) Acetophenone	8.96	105	299451	45.738	ng	#	92
24) Nitrobenzene	9.35	77	224040	49.426	ng	#	91
25) Isophorone	9.86	82	422749	48.849	ng	#	94
26) 2-Nitrophenol	10.06	139	117343	49.665	ng	#	86
27) 2,4-Dimethylphenol	10.12	122	166853	47.568	ng		94
28) bis(2-Chloroethoxy)methane	10.35	93	265643	48.737	ng		96
29) 2,4-Dichlorophenol	10.60	162	213802	50.760	ng		90
30) 1,2,4-Trichlorobenzene	10.82	180	239187	47.564	ng		98
31) Naphthalene	11.00	128	611640	47.318	ng		97
32) Benzoic acid	10.23	122	21328	12.101	ng	#	79
33) 4-Chloroaniline	11.12	127	57083	10.088	ng		94
34) Hexachlorobutadiene	11.28	225	151517	43.445	ng		96
35) Caprolactam	11.89	113	11219	6.520	ng	#	79
36) 4-Chloro-3-methylphenol	12.23	107	199916	43.609	ng		91
37) 2-Methylnaphthalene	12.60	142	492313	49.337	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	311496	44.628	ng		96
40) Hexachlorocyclopentadiene	12.94	237	216612	83.389	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	200362	50.214	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	208505	47.759	ng	#	94
45) 1,1'-Biphenyl	13.60	154	669498	45.909	ng		97
46) 2-Chloronaphthalene	13.64	162	529935	50.365	ng		95
47) 2-Nitroaniline	13.84	65	148316	47.558	ng	#	79
48) Acenaphthylene	14.48	152	809670	47.016	ng		99
49) Dimethylphthalate	14.21	163	724371	47.638	ng		99
50) 2,6-Dinitrotoluene	14.33	165	164520	52.493	ng	#	77
51) Acenaphthene	14.82	154	513213	47.717	ng		98
52) 3-Nitroaniline	14.66	138	35778	10.751	ng	#	77
53) 2,4-Dinitrophenol	14.88	184	188870	107.372	ng	#	49
54) Dibenzofuran	15.16	168	839675	49.014	ng		100
55) 4-Nitrophenol	14.99	139	75456	31.830	ng	#	76
56) 2,4-Dinitrotoluene	15.12	165	234994	51.864	ng	#	73
57) Fluorene	15.80	166	673560	48.429	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	206286	49.577	ng		91
59) Diethylphthalate	15.56	149	718391	46.511	ng		97
60) 4-Chlorophenyl-phenylether	15.79	204	395518	47.087	ng		91
61) 4-Nitroaniline	15.83	138	151534	43.002	ng		85
62) Azobenzene	16.08	77	581938	49.402	ng		91
64) 4,6-Dinitro-2-methylphenol	15.89	198	136340	45.806	ng	#	75
65) n-Nitrosodiphenylamine	16.00	169	630242	46.446	ng		100
66) 4-Bromophenyl-phenylether	16.68	248	267845	47.226	ng		99
67) Hexachlorobenzene	16.81	284	271523	45.056	ng		96
68) Atrazine	16.94	200	263524	47.069	ng		99
69) Pentachlorophenol	17.16	266	273746	82.177	ng		97
70) Phenanthrene	17.54	178	1144624	49.093	ng		97
71) Anthracene	17.63	178	1178399	50.440	ng		99
72) Carbazole	17.90	167	1093101	49.936	ng		99
73) Di-n-butylphthalate	18.44	149	1265260	47.075	ng		99
74) Fluoranthene	19.54	202	1499244	50.786	ng		97
76) Benzidine	19.72	184	400417	24.369	ng		99
77) Pyrene	19.91	202	1523854	50.202	ng		96
79) Butylbenzylphthalate	20.76	149	615170	50.828	ng		85
80) Benzo(a)anthracene	21.76	228	1570865	49.438	ng		97
81) 3,3'-Dichlorobenzidine	21.66	252	249739	19.471	ng		98
82) Chrysene	21.82	228	1476162	50.222	ng		95
83) Bis(2-ethylhexyl)phthalate	21.63	149	872069	49.917	ng		100
84) Di-n-octyl phthalate	22.86	149	1475641	51.895	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.88	276	1685067	47.158	ng		98
87) Benzo(b)fluoranthene	24.03	252	1584487	50.972	ng		97
88) Benzo(k)fluoranthene	24.09	252	1476562	47.922	ng		97
89) Benzo(a)pyrene	24.93	252	1493872	50.587	ng		99
90) Dibenzo(a,h)anthracene	28.94	278	1425895	47.241	ng		98
91) Benzo(g,h,i)perylene	30.07	276	1414016	48.268	ng		98

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

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