Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
Data File : BG024545.D
Acq On : 28 Oct 2016 18:59
Operator : UM/SJ
Sample : H5420-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MSD

Manual Integrations APPROVED
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11/1/2016 4:49:25 PM

Quant Time: Oct 29 00:16:11 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	116818	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	449370	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	343911	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	754372	20.00	ng		0.00
75) Chrysene-d12	21.93	240	1021283	20.00	ng		0.00
86) Perylene-d12	25.36	264	1060752	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	878772	123.29	ng		0.00
7) Phenol-d6	7.41	99	1182608	120.96	ng		0.00
23) Nitrobenzene-d5	9.45	82	991010	100.41	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	756949	147.33	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1959193	94.69	ng		0.00
78) Terphenyl-d14	20.21	244	3284491	96.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.68	88	104402	35.85	ng	#	77
3) Pyridine	4.09	79	249963	28.67	ng		91
4) n-Nitrosodimethylamine	4.00	42	189208	41.92	ng		89
6) Aniline	7.60	93	197889	15.98	ng		96
8) 2-Chlorophenol	7.83	128	327537	45.20	ng		90
9) Benzaldehyde	7.40	77	70656	11.69	ng		93
10) Phenol	7.44	94	424929	42.16	ng		94
11) bis(2-Chloroethyl)ether	7.69	93	356215	47.05	ng		90
12) 1,3-Dichlorobenzene	8.16	146	365213	40.71	ng		92
13) 1,4-Dichlorobenzene	8.31	146	383190	43.24	ng		99
14) 1,2-Dichlorobenzene	8.63	146	360656	42.33	ng		99
15) Benzyl Alcohol	8.51	79	431066	47.40	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.80	45	604581	43.04	ng		93
17) 2-Methylphenol	8.70	107	316134	47.34	ng		95
18) Hexachloroethane	9.37	117	145049	42.58	ng	#	84
19) n-Nitroso-di-n-propylamine	9.07	70	350555	48.65	ng	#	90
20) 3+4-Methylphenols	9.02	107	422653	47.14	ng		98
22) Acetophenone	9.10	105	571171	49.48	ng		93
24) Nitrobenzene	9.49	77	521805	47.52	ng		96
25) Isophorone	10.01	82	923955	50.33	ng		99
26) 2-Nitrophenol	10.21	139	210464	51.64	ng		97
27) 2,4-Dimethylphenol	10.24	122	369111	51.74	ng		95
28) bis(2-Chloroethoxy)methane	10.48	93	510222	53.71	ng		98
29) 2,4-Dichlorophenol	10.73	162	395453	52.81	ng		97
30) 1,2,4-Trichlorobenzene	10.95	180	406797	45.79	ng		91
31) Naphthalene	11.15	128	1090159	48.64	ng		99
32) Benzoic acid	10.35	122	214941	36.18	ng		98
33) 4-Chloroaniline	11.26	127	19527	2.01	ng		96
34) Hexachlorobutadiene	11.42	225	320575	46.11	ng		98
35) Caprolactam	12.02	113	103434m	37.73	ng		
36) 4-Chloro-3-methylphenol	12.34	107	452595	50.07	ng		97
37) 2-Methylnaphthalene	12.73	142	804298	49.18	ng		100
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	541298	46.67	ng		98
40) Hexachlorocyclopentadiene	13.06	237	721109	110.39	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	351583	50.43	ng		97
43) 2,4,5-Trichlorophenol	13.40	196	377727	50.11	ng		100
45) 1,1'-Biphenyl	13.73	154	1119358	46.90	ng		97
46) 2-Chloronaphthalene	13.77	162	896425	49.33	ng		99
47) 2-Nitroaniline	13.98	65	356106	47.86	ng		96
48) Acenaphthylene	14.62	152	1324358	47.52	ng		98
49) Dimethylphthalate	14.33	163	1208471	49.50	ng		99
50) 2,6-Dinitrotoluene	14.46	165	274322	52.63	ng		91
51) Acenaphthene	14.95	154	871695	41.96	ng		98
52) 3-Nitroaniline	14.79	138	44064	8.17	ng	#	96
53) 2,4-Dinitrophenol	14.99	184	377130	99.85	ng		94
54) Dibenzofuran	15.28	168	1396582	48.62	ng		95
55) 4-Nitrophenol	15.08	139	415957	88.52	ng	#	90
56) 2,4-Dinitrotoluene	15.24	165	395318	52.19	ng	#	96
57) Fluorene	15.93	166	1115313	46.83	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	398783	51.03	ng		92
59) Diethylphthalate	15.68	149	1223070	47.78	ng		98
60) 4-Chlorophenyl-phenylether	15.92	204	667562	49.95	ng		96
61) 4-Nitroaniline	15.95	138	229871	39.01	ng		98
62) Azobenzene	16.20	77	1287231	50.42	ng		97
64) 4,6-Dinitro-2-methylphenol	16.00	198	273081	52.54	ng		94
65) n-Nitrosodiphenylamine	16.13	169	1043473	50.60	ng		98
66) 4-Bromophenyl-phenylether	16.81	248	475707	51.95	ng		96
67) Hexachlorobenzene	16.93	284	527514	52.13	ng	#	89
68) Atrazine	17.06	200	418876	47.35	ng		99
69) Pentachlorophenol	17.27	266	678240	101.58	ng		97
70) Phenanthrene	17.67	178	1915030	49.80	ng		99
71) Anthracene	17.76	178	1923888	49.59	ng		96
72) Carbazole	18.03	167	1729775	48.89	ng		97
73) Di-n-butylphthalate	18.56	149	2010390	49.28	ng		98
74) Fluoranthene	19.67	202	2435023	50.10	ng		97
76) Benzidine	19.89	184	141376	5.88	ng		95
77) Pyrene	20.03	202	2467643	49.43	ng		97
79) Butylbenzylphthalate	20.89	149	1052235	50.55	ng		98
80) Benzo(a)anthracene	21.91	228	2760864	49.21	ng		98
81) 3,3'-Dichlorobenzidine	21.81	252	289028	12.77	ng		92
82) Chrysene	21.98	228	2585632	48.39	ng		97
83) Bis(2-ethylhexyl)phthalate	21.77	149	1482098	49.78	ng		97
84) Di-n-octyl phthalate	23.05	149	2525072	51.10	ng		96
85) Indeno(1,2,3-cd)pyrene	29.32	276	3633587	49.26	ng	#	98
87) Benzo(b)fluoranthene	24.27	252	2995012	52.24	ng		98
88) Benzo(k)fluoranthene	24.34	252	2796528	50.50	ng		100
89) Benzo(a)pyrene	25.20	252	2859338	51.04	ng		99
90) Dibenzo(a,h)anthracene	29.38	278	3051319	49.62	ng		97
91) Benzo(g,h,i)perylene	30.55	276	3002916	48.88	ng		98

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

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