Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111317\
Data File : BG030977.D
Acq On : 13 Nov 2017 17:39
Operator : SJ/JU
Sample : I6301-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMSD

Manual Integrations APPROVED
SOHIL
11/14/2017 5:22:37 PM

Quant Time: Nov 14 05:43:29 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	48978	20.00	ng		-0.01
21) Naphthalene-d8	10.96	136	203644	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	143540	20.00	ng		-0.01
63) Phenanthrene-d10	17.50	188	375246	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	450430	20.00	ng		-0.01
86) Perylene-d12	25.06	264	456481	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	362661	126.97	ng		0.00
7) Phenol-d6	7.31	99	427372	111.06	ng		0.00
23) Nitrobenzene-d5	9.31	82	315910	91.92	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	351888	151.54	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	919530	92.05	ng		-0.01
78) Terphenyl-d14	20.09	244	1787027	87.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	44899	38.736	ng	#	81
3) Pyridine	3.97	79	116466	34.611	ng		89
4) n-Nitrosodimethylamine	3.88	42	63850	40.036	ng	#	91
6) Aniline	7.46	93	129805	25.632	ng		93
8) 2-Chlorophenol	7.71	128	150388	47.711	ng		89
9) Benzaldehyde	7.28	77	65041	24.154	ng		92
10) Phenol	7.34	94	158817	39.742	ng		94
11) bis(2-Chloroethyl)ether	7.56	93	140531	44.044	ng		89
12) 1,3-Dichlorobenzene	8.03	146	163492	44.209	ng		97
13) 1,4-Dichlorobenzene	8.18	146	165793	44.240	ng		95
14) 1,2-Dichlorobenzene	8.50	146	157210	43.707	ng		97
15) Benzyl Alcohol	8.38	79	138353	44.824	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.67	45	201214	57.092	ng		90
17) 2-Methylphenol	8.59	107	126433	45.434	ng		99
18) Hexachloroethane	9.23	117	57514	44.095	ng		89
19) n-Nitroso-di-n-propylamine	8.95	70	116509	39.821	ng	#	96
20) 3+4-Methylphenols	8.92	107	174713	44.153	ng		97
22) Acetophenone	8.97	105	228578	45.080	ng	#	93
24) Nitrobenzene	9.36	77	168650	48.041	ng		91
25) Isophorone	9.87	82	329530	49.166	ng	#	90
26) 2-Nitrophenol	10.07	139	91838	50.188	ng		89
27) 2,4-Dimethylphenol	10.12	122	150651	55.456	ng		97
28) bis(2-Chloroethoxy)methane	10.35	93	197909	46.883	ng		95
29) 2,4-Dichlorophenol	10.61	162	183553	56.268	ng		88
30) 1,2,4-Trichlorobenzene	10.82	180	195547	50.209	ng		98
31) Naphthalene	11.01	128	531359	53.078	ng		98
32) Benzoic acid	10.24	122	19649	13.321	ng	#	82
33) 4-Chloroaniline	11.12	127	43628	9.955	ng		95
34) Hexachlorobutadiene	11.28	225	135001	49.981	ng		95
35) Caprolactam	11.89	113	45317m	34.006	ng		
36) 4-Chloro-3-methylphenol	12.24	107	178986	50.412	ng		90
37) 2-Methylnaphthalene	12.60	142	385728	49.912	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	257323	45.168	ng		96
40) Hexachlorocyclopentadiene	12.94	237	199768	92.838	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	175469	53.878	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	184541	51.789	ng	#	91
45) 1,1'-Biphenyl	13.60	154	525753	44.171	ng		96
46) 2-Chloronaphthalene	13.65	162	418677	48.752	ng		96
47) 2-Nitroaniline	13.85	65	120374	47.290	ng	#	80
48) Acenaphthylene	14.49	152	639189	45.474	ng		99
49) Dimethylphthalate	14.21	163	587727	47.355	ng		99
50) 2,6-Dinitrotoluene	14.33	165	132701	51.875	ng	#	79
51) Acenaphthene	14.83	154	406778	46.338	ng		98
52) 3-Nitroaniline	14.67	138	74683	27.495	ng	#	80
53) 2,4-Dinitrophenol	14.88	184	52561	40.475	ng	#	52
54) Dibenzofuran	15.16	168	685040	48.992	ng		99
55) 4-Nitrophenol	14.99	139	169466	87.585	ng	#	84
56) 2,4-Dinitrotoluene	15.13	165	189412	51.217	ng	#	72
57) Fluorene	15.81	166	540155	47.582	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	193800	57.065	ng	#	87
59) Diethylphthalate	15.56	149	580154	46.019	ng		96
60) 4-Chlorophenyl-phenylether	15.79	204	333920	48.705	ng		90
61) 4-Nitroaniline	15.83	138	127562	44.351	ng		93
62) Azobenzene	16.08	77	448429	46.641	ng		93
64) 4,6-Dinitro-2-methylphenol	15.89	198	71603	28.707	ng	#	74
65) n-Nitrosodiphenylamine	16.01	169	511303	44.966	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	243127	51.156	ng		93
67) Hexachlorobenzene	16.81	284	256705	50.834	ng	#	91
68) Atrazine	16.95	200	217154	46.286	ng		96
69) Pentachlorophenol	17.15	266	258241	92.511	ng		98
70) Phenanthrene	17.54	178	952716	48.762	ng		100
71) Anthracene	17.63	178	954522	48.757	ng		99
72) Carbazole	17.91	167	869569	47.405	ng		99
73) Di-n-butylphthalate	18.44	149	1004625	44.605	ng		99
74) Fluoranthene	19.54	202	1255849	50.767	ng		96
76) Benzidine	19.71	184	269515	18.627	ng		98
77) Pyrene	19.90	202	1272642	47.614	ng		97
79) Butylbenzylphthalate	20.77	149	487255	45.721	ng	#	83
80) Benzo(a)anthracene	21.75	228	1345376	48.086	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	303405	26.864	ng	#	98
82) Chrysene	21.82	228	1259144	48.650	ng		97
83) Bis(2-ethylhexyl)phthalate	21.63	149	675488	43.910	ng	#	99
84) Di-n-octyl phthalate	22.86	149	1127815	45.044	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.86	276	1590839	50.561	ng	#	88
87) Benzo(b)fluoranthene	24.02	252	1356136	49.113	ng	#	97
88) Benzo(k)fluoranthene	24.09	252	1354904	49.504	ng	#	96
89) Benzo(a)pyrene	24.91	252	1316575	50.191	ng	#	98
90) Dibenzo(a,h)anthracene	28.91	278	1326485	49.474	ng	#	95
91) Benzo(g,h,i)perylene	30.04	276	1310598	50.364	ng	#	94

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

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