Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111317\
Data File : BG030976.D
Acq On : 13 Nov 2017 17:02
Operator : SJ/JU
Sample : I6301-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations APPROVED
SOHIL
11/14/2017 5:22:35 PM

Quant Time: Nov 14 05:40:06 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	46991	20.00	ng		-0.01
21) Naphthalene-d8	10.95	136	194956	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	134782	20.00	ng		-0.01
63) Phenanthrene-d10	17.50	188	359622	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	449954	20.00	ng		-0.01
86) Perylene-d12	25.07	264	458706	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	375649	137.08	ng		0.00
7) Phenol-d6	7.31	99	438065	118.66	ng		0.00
23) Nitrobenzene-d5	9.31	82	318193	96.71	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	344749	158.12	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	890860	94.97	ng		-0.01
78) Terphenyl-d14	20.09	244	1832479	89.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	44266	39.805	ng		83
3) Pyridine	3.97	79	119627	37.053	ng		88
4) n-Nitrosodimethylamine	3.88	42	67868	44.355	ng	#	92
6) Aniline	7.46	93	68722	14.144	ng		95
8) 2-Chlorophenol	7.71	128	151129	49.974	ng		87
9) Benzaldehyde	7.28	77	64644	25.022	ng		83
10) Phenol	7.34	94	163281	42.587	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	135520	44.269	ng		91
12) 1,3-Dichlorobenzene	8.03	146	169057	47.647	ng		96
13) 1,4-Dichlorobenzene	8.18	146	172224	47.900	ng		93
14) 1,2-Dichlorobenzene	8.50	146	163254	47.306	ng		98
15) Benzyl Alcohol	8.38	79	132787	44.840	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.67	45	199044	58.865	ng		90
17) 2-Methylphenol	8.59	107	124440	46.609	ng		98
18) Hexachloroethane	9.23	117	59127	47.249	ng		88
19) n-Nitroso-di-n-propylamine	8.95	70	113136	40.304	ng	#	95
20) 3+4-Methylphenols	8.92	107	168812	44.466	ng		94
22) Acetophenone	8.97	105	224622	46.274	ng	#	92
24) Nitrobenzene	9.35	77	168215	50.052	ng		93
25) Isophorone	9.87	82	317144	49.427	ng	#	92
26) 2-Nitrophenol	10.07	139	92410	52.751	ng	#	89
27) 2,4-Dimethylphenol	10.12	122	145003	55.756	ng		97
28) bis(2-Chloroethoxy)methane	10.35	93	191114	47.291	ng		97
29) 2,4-Dichlorophenol	10.61	162	174719	55.946	ng		90
30) 1,2,4-Trichlorobenzene	10.82	180	194732	52.228	ng		99
31) Naphthalene	11.01	128	523524	54.625	ng		98
32) Benzoic acid	10.24	122	22296	14.741	ng		87
33) 4-Chloroaniline	11.13	127	11642	2.775	ng		94
34) Hexachlorobutadiene	11.28	225	135505	52.404	ng		96
35) Caprolactam	11.89	113	46975m	36.821	ng		
36) 4-Chloro-3-methylphenol	12.24	107	173974	51.184	ng		90
37) 2-Methylnaphthalene	12.60	142	373920	50.540	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	248331	46.422	ng		97
40) Hexachlorocyclopentadiene	12.95	237	193384	95.381	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	165166	54.009	ng		96
43) 2,4,5-Trichlorophenol	13.29	196	179525	53.655	ng		92
45) 1,1'-Biphenyl	13.60	154	503307	45.032	ng		98
46) 2-Chloronaphthalene	13.65	162	402140	49.869	ng		96
47) 2-Nitroaniline	13.85	65	114454	47.886	ng	#	78
48) Acenaphthylene	14.49	152	613072	46.451	ng		99
49) Dimethylphthalate	14.21	163	560556	48.101	ng		99
50) 2,6-Dinitrotoluene	14.33	165	127257	52.979	ng	#	77
51) Acenaphthene	14.83	154	387895	47.058	ng		99
52) 3-Nitroaniline	14.66	138	37002	14.508	ng	#	78
53) 2,4-Dinitrophenol	14.88	184	54552	44.120	ng	#	50
54) Dibenzofuran	15.16	168	654740	49.868	ng		99
55) 4-Nitrophenol	14.99	139	170102	93.626	ng	#	84
56) 2,4-Dinitrotoluene	15.13	165	183988	52.984	ng	#	72
57) Fluorene	15.81	166	522915	49.057	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	191313	59.993	ng	#	85
59) Diethylphthalate	15.56	149	564451	47.683	ng		98
60) 4-Chlorophenyl-phenylether	15.79	204	320108	49.724	ng		90
61) 4-Nitroaniline	15.83	138	119828	44.369	ng		93
62) Azobenzene	16.08	77	428470	47.460	ng		92
64) 4,6-Dinitro-2-methylphenol	15.89	198	73091	30.577	ng	#	73
65) n-Nitrosodiphenylamine	16.01	169	492112	45.159	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	235253	51.650	ng		95
67) Hexachlorobenzene	16.81	284	249645	51.583	ng	#	91
68) Atrazine	16.95	200	218439	48.583	ng		97
69) Pentachlorophenol	17.15	266	261888	97.893	ng		98
70) Phenanthrene	17.54	178	929313	49.631	ng		98
71) Anthracene	17.64	178	935008	49.835	ng		99
72) Carbazole	17.90	167	866029	49.263	ng		99
73) Di-n-butylphthalate	18.44	149	996441	46.164	ng		100
74) Fluoranthene	19.54	202	1264653	53.344	ng		96
76) Benzidine	19.72	184	136791	9.464	ng		97
77) Pyrene	19.90	202	1291394	48.367	ng		97
79) Butylbenzylphthalate	20.77	149	491589	46.177	ng	#	83
80) Benzo(a)anthracene	21.75	228	1370216	49.025	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	177387	15.723	ng	#	98
82) Chrysene	21.82	228	1279730	49.498	ng		97
83) Bis(2-ethylhexyl)phthalate	21.63	149	682027	44.382	ng	#	99
84) Di-n-octyl phthalate	22.86	149	1143142	45.704	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.88	276	1618604	51.497	ng	#	86
87) Benzo(b)fluoranthene	24.02	252	1385261	49.925	ng	#	97
88) Benzo(k)fluoranthene	24.09	252	1366182	49.674	ng	#	97
89) Benzo(a)pyrene	24.91	252	1335252	50.656	ng	#	97
90) Dibenzo(a,h)anthracene	28.92	278	1349737	50.097	ng	#	96
91) Benzo(g,h,i)perylene	30.06	276	1347376	51.526	ng	#	94

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

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