Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036184.D
Acq On : 8 Aug 2018 6:11
Operator : JU/SJ
Sample : PB111739BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111739BS

Manual Integrations APPROVED
Sohil
8/8/2018 5:34:41 PM

Quant Time: Aug 08 07:45:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	26645	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	100811	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	72871	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	213229	20.00	ng		-0.01
75) Chrysene-d12	21.65	240	244183	20.00	ng		-0.01
86) Perylene-d12	24.82	264	238911	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	221071	137.75	ng		0.00
7) Phenol-d6	7.18	99	309551	129.28	ng		-0.01
23) Nitrobenzene-d5	9.17	82	204610	84.79	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	156654	163.10	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	475625	87.44	ng		-0.02
78) Terphenyl-d14	19.99	244	1048632	94.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	28767	35.218	ng	#	74
3) Pyridine	3.90	79	77905	36.533	ng	#	73
4) n-Nitrosodimethylamine	3.82	42	32949	35.985	ng	#	87
6) Aniline	7.34	93	94259	30.371	ng		96
8) 2-Chlorophenol	7.58	128	73730	45.171	ng		97
9) Benzaldehyde	7.15	77	40568	27.612	ng		95
10) Phenol	7.21	94	102689	42.449	ng		88
11) bis(2-Chloroethyl)ether	7.43	93	74501	39.324	ng		86
12) 1,3-Dichlorobenzene	7.90	146	85335	43.293	ng		97
13) 1,4-Dichlorobenzene	8.05	146	86940	43.411	ng		95
14) 1,2-Dichlorobenzene	8.36	146	82010	42.626	ng		94
15) Benzyl Alcohol	8.25	79	81547	37.503	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.53	45	76585	48.217	ng		76
17) 2-Methylphenol	8.46	107	70246	42.709	ng	#	89
18) Hexachloroethane	9.09	117	32577	42.543	ng		87
19) n-Nitroso-di-n-propylamine	8.81	70	66297	32.880	ng	#	83
20) 3+4-Methylphenols	8.79	107	90917	39.845	ng		85
22) Acetophenone	8.83	105	126030	40.202	ng	#	89
24) Nitrobenzene	9.21	77	102927	42.410	ng		94
25) Isophorone	9.73	82	187103	41.767	ng	#	98
26) 2-Nitrophenol	9.93	139	42474	49.278	ng	#	83
27) 2,4-Dimethylphenol	9.98	122	69485	47.625	ng		85
28) bis(2-Chloroethoxy)methane	10.21	93	98910	40.070	ng		97
29) 2,4-Dichlorophenol	10.47	162	82841	49.740	ng		98
30) 1,2,4-Trichlorobenzene	10.67	180	94593	46.318	ng		98
31) Naphthalene	10.86	128	223620	42.583	ng		98
32) Benzoic acid	10.15	122	24859m	25.310	ng		
33) 4-Chloroaniline	10.98	127	60721	26.530	ng	#	93
34) Hexachlorobutadiene	11.14	225	75157	47.194	ng		96
35) Caprolactam	11.75	113	27674m	38.720	ng		
36) 4-Chloro-3-methylphenol	12.10	107	97322	43.595	ng		96
37) 2-Methylnaphthalene	12.46	142	175025	44.737	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	124764	45.362	ng		98
40) Hexachlorocyclopentadiene	12.80	237	156555	108.536	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	77840	48.395	ng		94
43) 2,4,5-Trichlorophenol	13.16	196	85553	47.546	ng		97
45) 1,1'-Biphenyl	13.47	154	238161	42.155	ng		98
46) 2-Chloronaphthalene	13.51	162	190713	43.398	ng		99
47) 2-Nitroaniline	13.71	65	64919	41.786	ng		97
48) Acenaphthylene	14.35	152	314591	42.735	ng		96
49) Dimethylphthalate	14.09	163	267867	41.955	ng		98
50) 2,6-Dinitrotoluene	14.21	165	62349	47.956	ng		94
51) Acenaphthene	14.70	154	179226	39.084	ng		98
52) 3-Nitroaniline	14.54	138	43939	33.066	ng	#	96
53) 2,4-Dinitrophenol	14.75	184	55709	83.051	ng	#	65
54) Dibenzofuran	15.03	168	319604	43.824	ng		94
55) 4-Nitrophenol	14.87	139	73965	78.159	ng	#	84
56) 2,4-Dinitrotoluene	15.00	165	96534	51.755	ng	#	81
57) Fluorene	15.68	166	268800	43.976	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.26	232	89025	51.602	ng	#	93
59) Diethylphthalate	15.45	149	268059	40.832	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	156452	43.548	ng		98
61) 4-Nitroaniline	15.71	138	61528	44.264	ng	#	79
62) Azobenzene	15.96	77	271733	41.962	ng		94
64) 4,6-Dinitro-2-methylphenol	15.76	198	53725	45.262	ng		89
65) n-Nitrosodiphenylamine	15.89	169	238539	39.303	ng		98
66) 4-Bromophenyl-phenylether	16.56	248	107345	43.392	ng		96
67) Hexachlorobenzene	16.69	284	109855	43.122	ng		95
68) Atrazine	16.83	200	114995	46.018	ng		95
69) Pentachlorophenol	17.03	266	103352	66.605	ng		96
70) Phenanthrene	17.42	178	449455	42.243	ng		98
71) Anthracene	17.51	178	457748	43.207	ng		98
72) Carbazole	17.79	167	431562	42.894	ng		98
73) Di-n-butylphthalate	18.33	149	486519	40.920	ng	#	98
74) Fluoranthene	19.43	202	641393	44.754	ng		97
76) Benzidine	19.61	184	255254	39.761	ng		98
77) Pyrene	19.79	202	635204	41.140	ng		98
79) Butylbenzylphthalate	20.67	149	233989	42.379	ng		97
80) Benzo(a)anthracene	21.62	228	643959	42.319	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	173869	32.770	ng		97
82) Chrysene	21.69	228	597327	42.360	ng		98
83) Bis(2-ethylhexyl)phthalate	21.52	149	326108	43.444	ng	#	99
84) Di-n-octyl phthalate	22.71	149	553155	44.012	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.45	276	670497	42.948	ng	#	88
87) Benzo(b)fluoranthene	23.82	252	605622	41.707	ng	#	95
88) Benzo(k)fluoranthene	23.88	252	596433	42.013	ng	#	97
89) Benzo(a)pyrene	24.68	252	585889	43.370	ng	#	96
90) Dibenzo(a,h)anthracene	28.51	278	558217	42.090	ng	#	95
91) Benzo(g,h,i)perylene	29.59	276	561944	43.300	ng	#	92

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

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