Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036030.D
Acq On : 1 Aug 2018 12:41
Operator : JU/SJ
Sample : PB111524BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111524BS

Manual Integrations APPROVED
Sohil
8/2/2018 10:18:41 AM

Quant Time: Aug 01 14:32:47 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	8.02	152	29839	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	117933	20.00	ng		0.00
38) Acenaphthene-d10	14.64	164	86714	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	235001	20.00	ng		0.00
75) Chrysene-d12	21.65	240	248211	20.00	ng		0.00
86) Perylene-d12	24.85	264	242910	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	246637	137.23	ng		0.00
7) Phenol-d6	7.19	99	359258	133.98	ng		0.00
23) Nitrobenzene-d5	9.18	82	227530	80.60	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	165921	145.17	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	561449	86.74	ng		0.00
78) Terphenyl-d14	20.00	244	1048244	93.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	32992	36.067	ng	#	75
3) Pyridine	3.91	79	90226	37.782	ng	#	74
4) n-Nitrosodimethylamine	3.83	42	35300	34.426	ng	#	78
6) Aniline	7.35	93	108766	31.294	ng		98
8) 2-Chlorophenol	7.59	128	82972	45.391	ng		95
9) Benzaldehyde	7.17	77	46743	28.410	ng		93
10) Phenol	7.22	94	125264	46.238	ng		91
11) bis(2-Chloroethyl)ether	7.44	93	82837	39.044	ng		89
12) 1,3-Dichlorobenzene	7.91	146	93527	42.370	ng		96
13) 1,4-Dichlorobenzene	8.06	146	97307	43.386	ng		99
14) 1,2-Dichlorobenzene	8.38	146	91059	42.263	ng		94
15) Benzyl Alcohol	8.27	79	93918	38.569	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	89455	50.292	ng		73
17) 2-Methylphenol	8.46	107	82365	44.717	ng		93
18) Hexachloroethane	9.10	117	35483	41.377	ng		85
19) n-Nitroso-di-n-propylamine	8.82	70	77263	34.217	ng	#	85
20) 3+4-Methylphenols	8.79	107	113276	44.330	ng		90
22) Acetophenone	8.84	105	142029	38.728	ng	#	88
24) Nitrobenzene	9.22	77	113439	39.956	ng		95
25) Isophorone	9.75	82	221645	42.294	ng		99
26) 2-Nitrophenol	9.94	139	50238	49.823	ng	#	89
27) 2,4-Dimethylphenol	9.99	122	87981	51.547	ng		91
28) bis(2-Chloroethoxy)methane	10.23	93	118088	40.894	ng		97
29) 2,4-Dichlorophenol	10.47	162	96490	49.524	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	104434	43.712	ng		99
31) Naphthalene	10.87	128	253016	41.186	ng		97
32) Benzoic acid	10.17	122	22430	19.521	ng		88
33) 4-Chloroaniline	10.99	127	70374	26.283	ng		96
34) Hexachlorobutadiene	11.16	225	81579	43.789	ng		100
35) Caprolactam	11.77	113	33066m	39.547	ng		
36) 4-Chloro-3-methylphenol	12.11	107	119290	45.677	ng		94
37) 2-Methylnaphthalene	12.48	142	203548	44.474	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	138004	42.166	ng		98
40) Hexachlorocyclopentadiene	12.82	237	179872	104.793	ng		89

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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)
42) 2,4,6-Trichlorophenol	13.08	196	90918	47.502	ng		97
43) 2,4,5-Trichlorophenol	13.16	196	95500	44.602	ng		99
45) 1,1'-Biphenyl	13.48	154	284459	42.312	ng		98
46) 2-Chloronaphthalene	13.52	162	222260	42.502	ng		97
47) 2-Nitroaniline	13.73	65	76652	41.462	ng		93
48) Acenaphthylene	14.37	152	371532	42.414	ng		98
49) Dimethylphthalate	14.10	163	308812	40.647	ng	#	98
50) 2,6-Dinitrotoluene	14.22	165	72648	46.957	ng	#	90
51) Acenaphthene	14.71	154	213593	39.143	ng		98
52) 3-Nitroaniline	14.56	138	45824	28.979	ng	#	91
53) 2,4-Dinitrophenol	14.76	184	51797	66.331	ng	#	68
54) Dibenzofuran	15.04	168	367108	42.302	ng		95
55) 4-Nitrophenol	14.87	139	88819	78.872	ng	#	87
56) 2,4-Dinitrotoluene	15.01	165	103368	46.572	ng	#	84
57) Fluorene	15.69	166	305259	41.968	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	95814	46.671	ng		93
59) Diethylphthalate	15.46	149	310779	39.782	ng		97
60) 4-Chlorophenyl-phenylether	15.68	204	176300	41.239	ng		97
61) 4-Nitroaniline	15.72	138	68872	41.638	ng	#	81
62) Azobenzene	15.97	77	310632	40.312	ng		95
64) 4,6-Dinitro-2-methylphenol	15.77	198	56806	43.424	ng		87
65) n-Nitrosodiphenylamine	15.90	169	274320	41.011	ng		99
66) 4-Bromophenyl-phenylether	16.58	248	122354	44.877	ng		98
67) Hexachlorobenzene	16.70	284	124658	44.399	ng		98
68) Atrazine	16.84	200	123296	44.769	ng		97
69) Pentachlorophenol	17.04	266	112269	65.649	ng		99
70) Phenanthrene	17.44	178	505396	43.100	ng		99
71) Anthracene	17.52	178	511866	43.839	ng		96
72) Carbazole	17.79	167	456916	41.206	ng		99
73) Di-n-butylphthalate	18.35	149	526787	40.202	ng	#	99
74) Fluoranthene	19.44	202	655825	41.521	ng		97
76) Benzidine	19.62	184	284782	43.641	ng		98
77) Pyrene	19.80	202	658082	41.930	ng		99
79) Butylbenzylphthalate	20.68	149	241292	42.992	ng		97
80) Benzo(a)anthracene	21.64	228	657450	42.504	ng		100
81) 3,3'-Dichlorobenzidine	21.55	252	167184	30.998	ng	#	98
82) Chrysene	21.70	228	616542	43.014	ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	330129	43.266	ng	#	99
84) Di-n-octyl phthalate	22.73	149	571103	44.702	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.48	276	700615	44.149	ng	#	94
87) Benzo(b)fluoranthene	23.83	252	638640	43.257	ng	#	96
88) Benzo(k)fluoranthene	23.90	252	610832	42.319	ng	#	98
89) Benzo(a)pyrene	24.70	252	608197	44.280	ng	#	98
90) Dibenzo(a,h)anthracene	28.54	278	571786	42.403	ng	#	95
91) Benzo(g,h,i)perylene	29.62	276	572397	43.379	ng	#	94

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

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