Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
Data File : BG035602.D
Acq On : 12 Jul 2018 19:53
Operator : JU/SJ
Sample : PB110949BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB110949BS

Manual Integrations APPROVED
Sohil
7/13/2018 12:36:34 PM

Quant Time: Jul 13 07:07:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	40057	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	162656	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	118277	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	319332	20.00	ng		0.00
75) Chrysene-d12	21.69	240	341837	20.00	ng		0.00
86) Perylene-d12	24.91	264	330514	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	288694	119.65	ng		0.00
7) Phenol-d6	7.22	99	430515	119.60	ng		0.00
23) Nitrobenzene-d5	9.22	82	272134	69.89	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	182941	117.35	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	624316	70.72	ng		0.00
78) Terphenyl-d14	20.02	244	1164353	75.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	30713	25.011	ng	#	77
3) Pyridine	3.94	79	92498	28.853	ng	#	74
4) n-Nitrosodimethylamine	3.86	42	42075	30.567	ng	#	78
6) Aniline	7.38	93	94674	20.291	ng		96
8) 2-Chlorophenol	7.62	128	88123	35.912	ng		98
9) Benzaldehyde	7.20	77	44281	20.048	ng		94
10) Phenol	7.24	94	138994	38.218	ng		89
11) bis(2-Chloroethyl)ether	7.47	93	91512	32.130	ng		93
12) 1,3-Dichlorobenzene	7.95	146	92705	31.284	ng	#	94
13) 1,4-Dichlorobenzene	8.09	146	95722	31.792	ng		95
14) 1,2-Dichlorobenzene	8.41	146	92325	31.920	ng		92
15) Benzyl Alcohol	8.30	79	113209	34.632	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	108392	45.394	ng		79
17) 2-Methylphenol	8.50	107	91473	36.993	ng	#	89
18) Hexachloroethane	9.14	117	35992	31.265	ng		86
19) n-Nitroso-di-n-propylamine	8.85	70	89456	29.511	ng	#	85
20) 3+4-Methylphenols	8.82	107	129175	37.657	ng		93
22) Acetophenone	8.88	105	150373	29.729	ng	#	93
24) Nitrobenzene	9.26	77	130923	33.435	ng		91
25) Isophorone	9.78	82	253022	35.006	ng		100
26) 2-Nitrophenol	9.97	139	48691	35.012	ng	#	78
27) 2,4-Dimethylphenol	10.02	122	99045	42.074	ng		94
28) bis(2-Chloroethoxy)methane	10.26	93	131591	33.040	ng		95
29) 2,4-Dichlorophenol	10.50	162	105071	39.100	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	106476	32.313	ng		92
31) Naphthalene	10.91	128	279413	32.977	ng		98
32) Benzoic acid	10.16	122	45364	28.625	ng		93
33) 4-Chloroaniline	11.02	127	55635	15.066	ng	#	88
34) Hexachlorobutadiene	11.19	225	80920	31.493	ng		96
35) Caprolactam	11.78	113	37215m	32.272	ng		
36) 4-Chloro-3-methylphenol	12.13	107	133986	37.198	ng		89
37) 2-Methylnaphthalene	12.51	142	219587	34.786	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	149522	33.494	ng		98
40) Hexachlorocyclopentadiene	12.85	237	196024	83.728	ng		93

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	95696	36.656	ng		96
43) 2,4,5-Trichlorophenol	13.19	196	104537	35.794	ng		98
45) 1,1'-Biphenyl	13.51	154	304599	33.217	ng		93
46) 2-Chloronaphthalene	13.56	162	236929	33.217	ng		97
47) 2-Nitroaniline	13.76	65	89274	35.403	ng		96
48) Acenaphthylene	14.40	152	403768	33.793	ng		98
49) Dimethylphthalate	14.13	163	339861	32.796	ng		98
50) 2,6-Dinitrotoluene	14.25	165	76202	36.110	ng		95
51) Acenaphthene	14.74	154	234656	31.527	ng		96
52) 3-Nitroaniline	14.58	138	39279	18.211	ng	#	94
53) 2,4-Dinitrophenol	14.79	184	79706	73.989	ng	#	63
54) Dibenzofuran	15.08	168	395732	33.431	ng		92
55) 4-Nitrophenol	14.89	139	112939	73.527	ng	#	86
56) 2,4-Dinitrotoluene	15.03	165	109786	36.264	ng		97
57) Fluorene	15.72	166	331918	33.455	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.30	232	103965	37.128	ng		98
59) Diethylphthalate	15.49	149	345636	32.437	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	189681	32.529	ng		97
61) 4-Nitroaniline	15.74	138	79175	35.093	ng	#	83
62) Azobenzene	16.00	77	362620	34.500	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	58445	32.878	ng		91
65) n-Nitrosodiphenylamine	15.93	169	294408	32.390	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	129467	34.946	ng		94
67) Hexachlorobenzene	16.73	284	128357	33.643	ng		95
68) Atrazine	16.87	200	138000	36.875	ng		96
69) Pentachlorophenol	17.07	266	144709	62.272	ng		99
70) Phenanthrene	17.47	178	538376	33.788	ng		98
71) Anthracene	17.55	178	561810	35.410	ng		97
72) Carbazole	17.82	167	514184	34.125	ng		99
73) Di-n-butylphthalate	18.38	149	587244	32.980	ng	#	98
74) Fluoranthene	19.47	202	727269	33.885	ng		98
76) Benzidine	19.65	184	209819	23.347	ng		97
77) Pyrene	19.83	202	742105	34.333	ng		99
79) Butylbenzylphthalate	20.71	149	265319	34.325	ng		96
80) Benzo(a)anthracene	21.67	228	741581	34.812	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	149596	20.140	ng	#	99
82) Chrysene	21.74	228	683431	34.621	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	355302	33.811	ng		99
84) Di-n-octyl phthalate	22.78	149	604775	34.372	ng		95
85) Indeno(1,2,3-cd)pyrene	28.57	276	768761	35.175	ng	#	90
87) Benzo(b)fluoranthene	23.89	252	676503	33.676	ng	#	95
88) Benzo(k)fluoranthene	23.95	252	673638	34.300	ng	#	97
89) Benzo(a)pyrene	24.76	252	666026	35.638	ng	#	95
90) Dibenzo(a,h)anthracene	28.64	278	627239	34.186	ng	#	96
91) Benzo(g,h,i)perylene	29.73	276	638111	35.541	ng	#	94

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

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