Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
Data File : BG036061.D
Acq On : 2 Aug 2018 15:31
Operator : JU/SJ
Sample : PB111691BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111691BS

Manual Integrations APPROVED
Sohil
8/3/2018 12:58:31 PM

Quant Time: Aug 02 16:47:28 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	31010	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	124611	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	93921	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	258182	20.00	ng		0.00
75) Chrysene-d12	21.66	240	281278	20.00	ng		0.00
86) Perylene-d12	24.85	264	263383	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	257813	138.03	ng		0.00
7) Phenol-d6	7.19	99	371976	133.48	ng		0.00
23) Nitrobenzene-d5	9.19	82	247917	83.11	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	185312	149.69	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	589305	84.06	ng		0.00
78) Terphenyl-d14	20.00	244	1155313	90.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	30517	32.101	ng	#	75
3) Pyridine	3.91	79	81374	32.789	ng	#	64
4) n-Nitrosodimethylamine	3.82	42	37009	34.730	ng	#	88
6) Aniline	7.35	93	120978	33.493	ng		97
8) 2-Chlorophenol	7.59	128	85363	44.936	ng		98
9) Benzaldehyde	7.16	77	52152	30.500	ng		98
10) Phenol	7.22	94	125920	44.725	ng		93
11) bis(2-Chloroethyl)ether	7.44	93	86653	39.300	ng		92
12) 1,3-Dichlorobenzene	7.91	146	97113	42.333	ng		97
13) 1,4-Dichlorobenzene	8.06	146	99396	42.644	ng		97
14) 1,2-Dichlorobenzene	8.37	146	94006	41.983	ng		95
15) Benzyl Alcohol	8.26	79	99898	39.475	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.54	45	95424	51.622	ng		81
17) 2-Methylphenol	8.47	107	85133	44.474	ng	#	91
18) Hexachloroethane	9.10	117	38527	43.231	ng		93
19) n-Nitroso-di-n-propylamine	8.83	70	80421	34.270	ng	#	88
20) 3+4-Methylphenols	8.79	107	116739	43.960	ng		95
22) Acetophenone	8.84	105	150956	38.956	ng	#	90
24) Nitrobenzene	9.23	77	120565	40.190	ng		93
25) Isophorone	9.74	82	234350	42.322	ng		98
26) 2-Nitrophenol	9.94	139	52571	49.343	ng	#	88
27) 2,4-Dimethylphenol	10.00	122	90590	50.231	ng		90
28) bis(2-Chloroethoxy)methane	10.23	93	121115	39.694	ng		97
29) 2,4-Dichlorophenol	10.48	162	101062	49.091	ng		95
30) 1,2,4-Trichlorobenzene	10.69	180	108138	42.837	ng		96
31) Naphthalene	10.88	128	269972	41.591	ng		98
32) Benzoic acid	10.17	122	33145	27.301	ng	#	88
33) 4-Chloroaniline	10.99	127	70333	24.860	ng	#	91
34) Hexachlorobutadiene	11.15	225	84384	42.868	ng		97
35) Caprolactam	11.77	113	36384m	41.184	ng		
36) 4-Chloro-3-methylphenol	12.11	107	128940	46.726	ng		95
37) 2-Methylnaphthalene	12.47	142	216485	44.766	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	148667	41.938	ng		99
40) Hexachlorocyclopentadiene	12.82	237	174665	93.951	ng		96

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Quant Time: Aug 02 16:47:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	95117	45.882	ng		98
43) 2,4,5-Trichlorophenol	13.16	196	108451	46.763	ng		98
45) 1,1'-Biphenyl	13.48	154	298829	41.039	ng		98
46) 2-Chloronaphthalene	13.53	162	241213	42.587	ng		99
47) 2-Nitroaniline	13.73	65	84124	42.012	ng		90
48) Acenaphthylene	14.37	152	405877	42.779	ng		95
49) Dimethylphthalate	14.10	163	338071	41.084	ng	#	99
50) 2,6-Dinitrotoluene	14.23	165	75816	45.244	ng		93
51) Acenaphthene	14.71	154	234816	39.730	ng		99
52) 3-Nitroaniline	14.55	138	56063	32.734	ng	#	94
53) 2,4-Dinitrophenol	14.77	184	78293	89.964	ng	#	70
54) Dibenzofuran	15.05	168	403817	42.961	ng		96
55) 4-Nitrophenol	14.88	139	99790	81.814	ng		91
56) 2,4-Dinitrotoluene	15.01	165	114524	47.638	ng	#	87
57) Fluorene	15.69	166	333470	42.328	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.28	232	110803	49.831	ng	#	90
59) Diethylphthalate	15.46	149	344715	40.740	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	194222	41.945	ng		98
61) 4-Nitroaniline	15.72	138	74495	41.581	ng	#	70
62) Azobenzene	15.98	77	345591	41.407	ng		96
64) 4,6-Dinitro-2-methylphenol	15.78	198	68922	47.956	ng		83
65) n-Nitrosodiphenylamine	15.90	169	296421	40.336	ng		97
66) 4-Bromophenyl-phenylether	16.58	248	133648	44.619	ng		95
67) Hexachlorobenzene	16.70	284	136696	44.315	ng		94
68) Atrazine	16.85	200	133677	44.180	ng		97
69) Pentachlorophenol	17.05	266	130510	69.463	ng		97
70) Phenanthrene	17.43	178	547302	42.483	ng		97
71) Anthracene	17.53	178	557545	43.464	ng		98
72) Carbazole	17.80	167	501383	41.157	ng		98
73) Di-n-butylphthalate	18.34	149	576849	40.070	ng	#	98
74) Fluoranthene	19.44	202	723944	41.719	ng		97
76) Benzidine	19.62	184	283133	38.288	ng		99
77) Pyrene	19.80	202	715692	40.240	ng		99
79) Butylbenzylphthalate	20.68	149	277975	43.706	ng	#	97
80) Benzo(a)anthracene	21.63	228	735800	41.977	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	191835	31.388	ng	#	96
82) Chrysene	21.70	228	693902	42.720	ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	383557	44.359	ng	#	99
84) Di-n-octyl phthalate	22.73	149	649480	44.861	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.49	276	776860	43.199	ng	#	84
87) Benzo(b)fluoranthene	23.84	252	713008	44.540	ng	#	97
88) Benzo(k)fluoranthene	23.90	252	670692	42.855	ng	#	98
89) Benzo(a)pyrene	24.70	252	677656	45.502	ng	#	95
90) Dibenzo(a,h)anthracene	28.55	278	650663	44.502	ng	#	96
91) Benzo(g,h,i)perylene	29.63	276	645679	45.129	ng	#	92

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

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