Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036198.D
Acq On : 8 Aug 2018 15:17
Operator : JU/SJ
Sample : PB111868BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111868BSD

Manual Integrations APPROVED
Sohil
8/9/2018 3:16:59 PM

Quant Time: Aug 09 14:53:02 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	8.01	152	28180	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	103714	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	76261	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	215304	20.00	ng		-0.02
75) Chrysene-d12	21.64	240	246722	20.00	ng		-0.02
86) Perylene-d12	24.83	264	233378	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	224121	132.04	ng		-0.01
7) Phenol-d6	7.18	99	315880	124.73	ng		-0.01
23) Nitrobenzene-d5	9.17	82	208396	83.94	ng		-0.02
41) 2,4,6-Tribromophenol	16.13	330	161159	160.33	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	489633	86.02	ng		-0.02
78) Terphenyl-d14	19.99	244	1044359	93.31	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	28398	32.872	ng	#	77
3) Pyridine	3.90	79	77512	34.369	ng	#	73
4) n-Nitrosodimethylamine	3.81	42	33352	34.441	ng	#	73
6) Aniline	7.34	93	97957	29.843	ng		95
8) 2-Chlorophenol	7.58	128	72028	41.724	ng		99
9) Benzaldehyde	7.15	77	40967	26.365	ng		94
10) Phenol	7.21	94	104473	40.834	ng		90
11) bis(2-Chloroethyl)ether	7.43	93	75989	37.925	ng		87
12) 1,3-Dichlorobenzene	7.90	146	87274	41.865	ng	#	92
13) 1,4-Dichlorobenzene	8.04	146	86913	41.033	ng		95
14) 1,2-Dichlorobenzene	8.36	146	82617	40.602	ng		96
15) Benzyl Alcohol	8.25	79	80703	35.093	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.54	45	77318	46.027	ng		67
17) 2-Methylphenol	8.45	107	71872	41.317	ng	#	88
18) Hexachloroethane	9.09	117	33266	41.076	ng		90
19) n-Nitroso-di-n-propylamine	8.81	70	65728	30.822	ng		88
20) 3+4-Methylphenols	8.79	107	93972	38.941	ng		90
22) Acetophenone	8.83	105	126260	39.148	ng	#	91
24) Nitrobenzene	9.21	77	104385	41.807	ng	#	92
25) Isophorone	9.73	82	186952	40.565	ng		99
26) 2-Nitrophenol	9.92	139	42312	47.716	ng	#	83
27) 2,4-Dimethylphenol	9.99	122	75392	50.227	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	96904	38.158	ng		98
29) 2,4-Dichlorophenol	10.46	162	85699	50.016	ng		91
30) 1,2,4-Trichlorobenzene	10.67	180	97541	46.425	ng		95
31) Naphthalene	10.86	128	226184	41.866	ng		98
32) Benzoic acid	10.16	122	36620m	36.240	ng		
33) 4-Chloroaniline	10.98	127	59681	25.346	ng	#	91
34) Hexachlorobutadiene	11.14	225	75357	45.995	ng		98
35) Caprolactam	11.76	113	29749m	40.458	ng		
36) 4-Chloro-3-methylphenol	12.10	107	104004	45.284	ng		89
37) 2-Methylnaphthalene	12.46	142	175914	43.706	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	126780	44.046	ng		99
40) Hexachlorocyclopentadiene	12.81	237	152462	100.999	ng		93

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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	13.07	196	80000	47.526	ng		95
43) 2,4,5-Trichlorophenol	13.15	196	89327	47.437	ng		95
45) 1,1'-Biphenyl	13.46	154	241873	40.909	ng		97
46) 2-Chloronaphthalene	13.51	162	194085	42.202	ng		99
47) 2-Nitroaniline	13.72	65	69073	42.483	ng		97
48) Acenaphthylene	14.36	152	326843	42.426	ng		99
49) Dimethylphthalate	14.09	163	269176	40.286	ng		99
50) 2,6-Dinitrotoluene	14.21	165	65750	48.323	ng	#	89
51) Acenaphthene	14.70	154	187565	39.084	ng		97
52) 3-Nitroaniline	14.55	138	45147	32.465	ng	#	96
53) 2,4-Dinitrophenol	14.75	184	50854	73.284	ng	#	68
54) Dibenzofuran	15.03	168	326067	42.723	ng		95
55) 4-Nitrophenol	14.86	139	75667	76.403	ng	#	88
56) 2,4-Dinitrotoluene	15.00	165	93958	48.134	ng		93
57) Fluorene	15.68	166	274999	42.990	ng		92
58) 2,3,4,6-Tetrachlorophenol	15.26	232	87411	48.414	ng		94
59) Diethylphthalate	15.45	149	277797	40.434	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	159769	42.495	ng		93
61) 4-Nitroaniline	15.71	138	59006	40.563	ng	#	82
62) Azobenzene	15.96	77	278155	41.045	ng		96
64) 4,6-Dinitro-2-methylphenol	15.77	198	51545	43.007	ng		87
65) n-Nitrosodiphenylamine	15.88	169	248624	40.569	ng		95
66) 4-Bromophenyl-phenylether	16.57	248	114102	45.679	ng		95
67) Hexachlorobenzene	16.69	284	115583	44.933	ng	#	91
68) Atrazine	16.84	200	115512	45.780	ng		96
69) Pentachlorophenol	17.04	266	103604	66.124	ng		98
70) Phenanthrene	17.42	178	462706	43.069	ng		99
71) Anthracene	17.51	178	472851	44.202	ng		98
72) Carbazole	17.78	167	433016	42.623	ng		99
73) Di-n-butylphthalate	18.33	149	496060	41.320	ng	#	98
74) Fluoranthene	19.43	202	640392	44.253	ng		97
76) Benzidine	19.61	184	216044	33.307	ng		97
77) Pyrene	19.79	202	638902	40.954	ng		97
79) Butylbenzylphthalate	20.67	149	236510	42.394	ng		94
80) Benzo(a)anthracene	21.62	228	639983	41.625	ng		98
81) 3,3'-Dichlorobenzidine	21.54	252	176226	32.872	ng	#	99
82) Chrysene	21.69	228	601712	42.232	ng		97
83) Bis(2-ethylhexyl)phthalate	21.52	149	320562	42.266	ng	#	100
84) Di-n-octyl phthalate	22.71	149	543118	42.768	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	669162	42.421	ng	#	84
87) Benzo(b)fluoranthene	23.82	252	612473	43.179	ng	#	96
88) Benzo(k)fluoranthene	23.89	252	583860	42.103	ng	#	96
89) Benzo(a)pyrene	24.68	252	583518	44.218	ng	#	96
90) Dibenzo(a,h)anthracene	28.51	278	551767	42.590	ng	#	95
91) Benzo(g,h,i)perylene	29.60	276	560641	44.224	ng	#	92

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

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