Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
Data File : BG038593.D
Acq On : 15 Dec 2018 7:37
Operator : JU/SJ
Sample : PB115618BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115618BS

Manual Integrations APPROVED
Sohil
12/17/2018 4:11:58 PM

Quant Time: Dec 16 00:20:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	25322	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	100355	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	65609	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	170083	20.00	ng	0.00
76) Chrysene-d12	21.72	240	179864	20.00	ng	0.00
87) Perylene-d12	25.02	264	197207	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	190739	133.60	ng	0.00
7) Phenol-d6	7.21	99	244638	124.82	ng	0.00
23) Nitrobenzene-d5	9.24	82	127837	65.08	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	113560	125.59	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	287578	60.13	ng	0.00
79) Terphenyl-d14	20.04	244	609132	73.70	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	22730	34.208	ng	# 88
3) Pyridine	3.89	79	62732	34.291	ng	90
4) n-Nitrosodimethylamine	3.82	42	41622	46.434	ng	# 88
6) Aniline	7.39	93	88093	35.210	ng	100
8) 2-Chlorophenol	7.62	128	69532	42.086	ng	98
9) Benzaldehyde	7.20	77	28624	22.513	ng	97
10) Phenol	7.24	94	89058	42.771	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	62035	37.420	ng	95
12) 1,3-Dichlorobenzene	7.95	146	73558	37.655	ng	99
13) 1,4-Dichlorobenzene	8.09	146	75888	37.931	ng	97
14) 1,2-Dichlorobenzene	8.41	146	72573	38.477	ng	96
15) Benzyl Alcohol	8.30	79	63179	41.299	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	142989	37.653	ng	99
17) 2-Methylphenol	8.50	107	60474	43.349	ng	92
18) Hexachloroethane	9.14	117	27270	37.301	ng	91
19) n-Nitroso-di-n-propylamine	8.86	70	51820	37.645	ng	97
20) 3+4-Methylphenols	8.83	107	82377	42.757	ng	99
22) Acetophenone	8.89	105	99363	39.640	ng	96
24) Nitrobenzene	9.28	77	81930	41.228	ng	97
25) Isophorone	9.79	82	144859	41.043	ng	99
26) 2-Nitrophenol	9.99	139	40626	39.943	ng	97
27) 2,4-Dimethylphenol	10.03	122	70020	48.035	ng	95
28) bis(2-Chloroethoxy)methane	10.27	93	83329	41.837	ng	97
29) 2,4-Dichlorophenol	10.52	162	73283	45.190	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	78671	40.163	ng	97
31) Naphthalene	10.93	128	209407	42.351	ng	97
32) Benzoic acid	10.19	122	30171m	35.850	ng	
33) 4-Chloroaniline	11.05	127	46471	21.648	ng	97
34) Hexachlorobutadiene	11.19	225	51225	38.648	ng	99
35) Caprolactam	11.82	113	24528m	36.549	ng	
36) 4-Chloro-3-methylphenol	12.15	107	74400	40.204	ng	91
37) 2-Methylnaphthalene	12.53	142	155290	44.022	ng	99
38) 1-Methylnaphthalene	12.75	142	148239	43.306	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	89976	36.688	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	125657	93.262	ng		95
43) 2,4,6-Trichlorophenol	13.13	196	62762	41.622	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	67031	41.985	ng		97
46) 1,1'-Biphenyl	13.53	154	201195	36.580	ng		98
47) 2-Chloronaphthalene	13.58	162	162781	38.314	ng		96
48) 2-Nitroaniline	13.79	65	56210	41.536	ng		99
49) Acenaphthylene	14.42	152	265108	41.740	ng		99
50) Dimethylphthalate	14.15	163	216538	40.415	ng		99
51) 2,6-Dinitrotoluene	14.28	165	49388	40.676	ng		100
52) Acenaphthene	14.76	154	150432	39.609	ng		98
53) 3-Nitroaniline	14.62	138	33968	27.444	ng		98
54) 2,4-Dinitrophenol	14.82	184	54136	75.263	ng		98
55) Dibenzofuran	15.09	168	253120	38.880	ng		99
56) 4-Nitrophenol	14.92	139	79887	85.080	ng		97
57) 2,4-Dinitrotoluene	15.06	165	71290	41.687	ng		99
58) Fluorene	15.74	166	203764	42.246	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	63053	43.897	ng		98
60) Diethylphthalate	15.50	149	228285	38.812	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	113898	37.847	ng		100
62) 4-Nitroaniline	15.78	138	52886	41.504	ng		96
63) Azobenzene	16.02	77	193984	39.479	ng		98
65) 4,6-Dinitro-2-methylphenol	15.83	198	45050	37.130	ng		94
66) n-Nitrosodiphenylamine	15.95	169	188444	37.708	ng		96
67) 4-Bromophenyl-phenylether	16.62	248	76133	36.652	ng		95
68) Hexachlorobenzene	16.74	284	78894	36.639	ng		95
69) Atrazine	16.89	200	80814	43.575	ng		99
70) Pentachlorophenol	17.09	266	89799	70.507	ng		99
71) Phenanthrene	17.49	178	364820	41.363	ng		98
72) Anthracene	17.58	178	377969	43.409	ng		98
73) Carbazole	17.85	167	346488	40.237	ng		99
74) Di-n-butylphthalate	18.38	149	418386	42.343	ng		99
75) Fluoranthene	19.49	202	485979	44.533	ng		98
77) Benzidine	19.68	184	233433	43.884	ng		99
78) Pyrene	19.86	202	482201	40.581	ng		99
80) Butylbenzylphthalate	20.73	149	194646	41.929	ng		98
81) Benzo(a)anthracene	21.70	228	473630	43.214	ng		98
82) 3,3'-Dichlorobenzidine	21.62	252	122670	28.221	ng		99
83) Chrysene	21.77	228	435707	41.273	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	270372	41.065	ng		100
85) Di-n-octyl phthalate	22.79	149	463672	42.050	ng		98
86) Indeno(1,2,3-cd)pyrene	28.80	276	545203	43.929	ng	#	98
88) Benzo(b)fluoranthene	23.96	252	471620	43.558	ng		100
89) Benzo(k)fluoranthene	24.03	252	458204	42.498	ng		97
90) Benzo(a)pyrene	24.86	252	461943	44.223	ng		99
91) Dibenzo(a,h)anthracene	28.86	278	447778	43.053	ng		97
92) Benzo(g,h,i)perylene	29.99	276	444256	43.343	ng		97

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

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