Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122018\
Data File : BG038764.D
Acq On : 20 Dec 2018 16:14
Operator : JU/SJ
Sample : PB115836BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115836BSD

Manual Integrations APPROVED
Sohil
12/21/2018 2:43:36 PM

Quant Time: Dec 21 00:35:43 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	8.05	152	22695	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	91260	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	61231	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	159862	20.00	ng		0.00
76) Chrysene-d12	21.72	240	162416	20.00	ng		0.00
87) Perylene-d12	25.02	264	171462	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	160567	125.49	ng		0.00
7) Phenol-d6	7.21	99	213747	121.68	ng		0.00
23) Nitrobenzene-d5	9.23	82	112484	62.97	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	110188	130.57	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	289380	64.83	ng		0.00
79) Terphenyl-d14	20.04	244	616635	82.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	20839	34.993	ng		97
3) Pyridine	3.89	79	56217	34.287	ng		92
4) n-Nitrosodimethylamine	3.82	42	33462	41.652	ng	#	91
6) Aniline	7.38	93	69127	30.827	ng		98
8) 2-Chlorophenol	7.62	128	67024	45.264	ng		97
9) Benzaldehyde	7.20	77	20172	17.702	ng		91
10) Phenol	7.24	94	84992	45.543	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	56848	38.261	ng		92
12) 1,3-Dichlorobenzene	7.94	146	69451	39.668	ng		98
13) 1,4-Dichlorobenzene	8.09	146	71701	39.987	ng		97
14) 1,2-Dichlorobenzene	8.41	146	68517	40.532	ng		96
15) Benzyl Alcohol	8.30	79	59982	43.748	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	119627	35.147	ng		98
17) 2-Methylphenol	8.49	107	56918	45.522	ng		97
18) Hexachloroethane	9.13	117	25313	38.632	ng		90
19) n-Nitroso-di-n-propylamine	8.86	70	45875	37.184	ng	#	99
20) 3+4-Methylphenols	8.82	107	77852	45.085	ng		97
22) Acetophenone	8.89	105	94311	41.374	ng		97
24) Nitrobenzene	9.27	77	73731	40.800	ng		98
25) Isophorone	9.79	82	133415	41.568	ng		98
26) 2-Nitrophenol	9.99	139	38556	41.685	ng		92
27) 2,4-Dimethylphenol	10.03	122	67893	51.218	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	75702	41.795	ng		100
29) 2,4-Dichlorophenol	10.52	162	73353	49.742	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	77347	43.422	ng		96
31) Naphthalene	10.93	128	204821	45.552	ng		99
32) Benzoic acid	10.19	122	27249m	35.674	ng		
33) 4-Chloroaniline	11.04	127	50033	25.630	ng		98
34) Hexachlorobutadiene	11.18	225	50791	42.140	ng		95
35) Caprolactam	11.82	113	23866	39.106	ng	#	89
36) 4-Chloro-3-methylphenol	12.15	107	74289	44.145	ng		97
37) 2-Methylnaphthalene	12.52	142	151606	47.261	ng		99
38) 1-Methylnaphthalene	12.74	142	149318	47.969	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	93836	40.998	ng		98

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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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	111427	88.613	ng		94
43) 2,4,6-Trichlorophenol	13.13	196	64351	45.727	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	71297	47.850	ng		95
46) 1,1'-Biphenyl	13.53	154	201782	39.310	ng		98
47) 2-Chloronaphthalene	13.58	162	164314	41.440	ng		97
48) 2-Nitroaniline	13.79	65	53520	42.376	ng		99
49) Acenaphthylene	14.42	152	269183	45.412	ng		99
50) Dimethylphthalate	14.14	163	210960	42.189	ng		99
51) 2,6-Dinitrotoluene	14.27	165	49040	43.277	ng		93
52) Acenaphthene	14.76	154	152420	43.002	ng		98
53) 3-Nitroaniline	14.61	138	36897	31.942	ng		96
54) 2,4-Dinitrophenol	14.82	184	52194	77.580	ng		97
55) Dibenzofuran	15.09	168	262534	43.209	ng		95
56) 4-Nitrophenol	14.92	139	73682	84.083	ng		99
57) 2,4-Dinitrotoluene	15.06	165	70541	44.198	ng		95
58) Fluorene	15.74	166	211613	47.010	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	63446	47.329	ng		99
60) Diethylphthalate	15.50	149	220707	40.207	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	120999	43.081	ng		98
62) 4-Nitroaniline	15.78	138	52482	44.132	ng		97
63) Azobenzene	16.02	77	191163	41.687	ng		97
65) 4,6-Dinitro-2-methylphenol	15.82	198	44374	38.912	ng		91
66) n-Nitrosodiphenylamine	15.94	169	195190	41.555	ng		97
67) 4-Bromophenyl-phenylether	16.62	248	81405	41.695	ng		96
68) Hexachlorobenzene	16.74	284	86568	42.774	ng		97
69) Atrazine	16.89	200	79638	45.686	ng		97
70) Pentachlorophenol	17.09	266	89096	74.428	ng		96
71) Phenanthrene	17.48	178	375366	45.280	ng		99
72) Anthracene	17.58	178	382431	46.730	ng		99
73) Carbazole	17.85	167	338450	41.817	ng		99
74) Di-n-butylphthalate	18.38	149	390428	42.040	ng		99
75) Fluoranthene	19.49	202	469927	45.816	ng		97
77) Benzidine	19.67	184	207759	43.253	ng		99
78) Pyrene	19.86	202	464442	43.286	ng		98
80) Butylbenzylphthalate	20.72	149	176822	42.181	ng		98
81) Benzo(a)anthracene	21.70	228	459801	46.460	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	125784	32.046	ng		99
83) Chrysene	21.77	228	423941	44.473	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	245943	41.367	ng		99
85) Di-n-octyl phthalate	22.79	149	419283	42.110	ng		98
86) Indeno(1,2,3-cd)pyrene	28.80	276	511671	45.656	ng	#	83
88) Benzo(b)fluoranthene	23.96	252	471828	50.120	ng		99
89) Benzo(k)fluoranthene	24.03	252	428643	45.725	ng		97
90) Benzo(a)pyrene	24.86	252	440774	48.533	ng		98
91) Dibenzo(a,h)anthracene	28.86	278	428329	47.367	ng		97
92) Benzo(g,h,i)perylene	29.99	276	415967	46.677	ng		96

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

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