Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
Data File : BG038377.D
Acq On : 6 Dec 2018 10:14
Operator : JU/SJ
Sample : PB115166BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115166BS

Manual Integrations APPROVED
mohammad
12/7/2018 12:20:47 PM

Quant Time: Dec 06 10:57:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	26466	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	124979	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	76889	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	194471	20.00	ng		0.00
76) Chrysene-d12	21.73	240	187743	20.00	ng		0.00
87) Perylene-d12	25.04	264	194313	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	198476	132.71	ng		0.00
7) Phenol-d6	7.22	99	274736	127.10	ng		0.00
23) Nitrobenzene-d5	9.25	82	179243	71.20	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	114408	121.21	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	387861	71.88	ng		0.00
79) Terphenyl-d14	20.05	244	674944	77.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	20318	29.642	ng		94
3) Pyridine	3.90	79	78877	38.465	ng		98
4) n-Nitrosodimethylamine	3.83	42	44672	49.733	ng		97
6) Aniline	7.39	93	46179	16.727	ng		99
8) 2-Chlorophenol	7.63	128	71889	41.389	ng		94
9) Benzaldehyde	7.21	77	36954	26.998	ng		98
10) Phenol	7.25	94	97188	42.554	ng		93
11) bis(2-Chloroethyl)ether	7.49	93	67873	36.287	ng		95
12) 1,3-Dichlorobenzene	7.96	146	70487	34.722	ng		98
13) 1,4-Dichlorobenzene	8.11	146	73221	34.860	ng		98
14) 1,2-Dichlorobenzene	8.43	146	69973	35.208	ng		98
15) Benzyl Alcohol	8.31	79	66304	37.310	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	149783	35.206	ng		97
17) 2-Methylphenol	8.50	107	64630	40.488	ng		98
18) Hexachloroethane	9.15	117	33132	43.705	ng		95
19) n-Nitroso-di-n-propylamine	8.87	70	58760	37.038	ng		94
20) 3+4-Methylphenols	8.83	107	93086	40.457	ng		97
22) Acetophenone	8.90	105	109627	36.084	ng	#	95
24) Nitrobenzene	9.29	77	88573	34.632	ng		97
25) Isophorone	9.80	82	192510	43.516	ng		97
26) 2-Nitrophenol	10.00	139	61539	51.930	ng		98
27) 2,4-Dimethylphenol	10.04	122	106717	62.698	ng		99
28) bis(2-Chloroethoxy)methane	10.29	93	132161	52.113	ng		99
29) 2,4-Dichlorophenol	10.53	162	90906	46.788	ng		99
30) 1,2,4-Trichlorobenzene	10.75	180	85144	37.331	ng		98
31) Naphthalene	10.94	128	232436	38.934	ng		100
32) Benzoic acid	10.18	122	47556	40.213	ng		92
33) 4-Chloroaniline	11.06	127	24982	9.453	ng		97
34) Hexachlorobutadiene	11.20	225	50752	35.568	ng		94
35) Caprolactam	11.83	113	48101m	59.866	ng		
36) 4-Chloro-3-methylphenol	12.16	107	104519	48.416	ng		99
37) 2-Methylnaphthalene	12.54	142	179017	42.107	ng		97
38) 1-Methylnaphthalene	12.76	142	164536	40.407	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	96125	36.332	ng		98

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Quant Time: Dec 06 10:57:13 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	131330	90.327	ng		99
43) 2,4,6-Trichlorophenol	13.14	196	67610	39.448	ng		94
44) 2,4,5-Trichlorophenol	13.21	196	73647	40.562	ng		97
46) 1,1'-Biphenyl	13.54	154	216692	33.341	ng		99
47) 2-Chloronaphthalene	13.59	162	175096	35.702	ng		99
48) 2-Nitroaniline	13.80	65	61431	37.335	ng		98
49) Acenaphthylene	14.43	152	295446	39.999	ng		99
50) Dimethylphthalate	14.15	163	236083	38.281	ng		100
51) 2,6-Dinitrotoluene	14.29	165	54224	38.490	ng		99
52) Acenaphthene	14.77	154	167639	37.229	ng		97
53) 3-Nitroaniline	14.62	138	18180	11.982	ng	#	90
54) 2,4-Dinitrophenol	14.82	184	64814	83.929	ng	#	85
55) Dibenzofuran	15.11	168	279096	37.491	ng		97
56) 4-Nitrophenol	14.92	139	92513	77.189	ng		89
57) 2,4-Dinitrotoluene	15.07	165	78894	40.604	ng	#	93
58) Fluorene	15.75	166	225129	41.048	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	67151	42.583	ng		98
60) Diethylphthalate	15.51	149	254134	37.195	ng		100
61) 4-Chlorophenyl-phenylether	15.74	204	120549	36.593	ng		99
62) 4-Nitroaniline	15.79	138	57710	38.672	ng		89
63) Azobenzene	16.03	77	226992	37.961	ng		95
65) 4,6-Dinitro-2-methylphenol	15.83	198	47163	37.014	ng		90
66) n-Nitrosodiphenylamine	15.96	169	211111	38.604	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	79913	38.052	ng		97
68) Hexachlorobenzene	16.75	284	83309	38.459	ng		98
69) Atrazine	16.90	200	84465	41.393	ng		99
70) Pentachlorophenol	17.10	266	98722	66.539	ng		96
71) Phenanthrene	17.50	178	400723	41.146	ng		98
72) Anthracene	17.59	178	407025	43.157	ng		99
73) Carbazole	17.86	167	373188	39.868	ng		97
74) Di-n-butylphthalate	18.40	149	459195	41.991	ng		98
75) Fluoranthene	19.50	202	489048	42.980	ng		98
77) Benzidine	19.69	184	105766	16.695	ng		99
78) Pyrene	19.87	202	488924	37.220	ng		98
80) Butylbenzylphthalate	20.74	149	205151	38.830	ng		99
81) Benzo(a)anthracene	21.72	228	465728	40.362	ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	73152	16.297	ng		98
83) Chrysene	21.78	228	419967	38.461	ng		98
84) Bis(2-ethylhexyl)phthalate	21.59	149	285007	38.059	ng		97
85) Di-n-octyl phthalate	22.82	149	465510	36.254	ng		98
86) Indeno(1,2,3-cd)pyrene	28.83	276	521228	42.002	ng	#	93
88) Benzo(b)fluoranthene	23.98	252	522078m	47.551	ng		
89) Benzo(k)fluoranthene	24.06	252	451493	41.289	ng		99
90) Benzo(a)pyrene	24.88	252	426115	40.012	ng	#	97
91) Dibenzo(a,h)anthracene	28.90	278	423668	41.944	ng		99
92) Benzo(g,h,i)perylene	30.02	276	544909	54.374	ng		97

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

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