Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
Data File : BG038302.D
Acq On : 2 Dec 2018 00:45
Operator : JU/SJ
Sample : PB115183BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Manual Integrations APPROVED
mohammad
12/3/2018 5:13:30 PM

Quant Time: Dec 03 07:10:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	24624	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	106663	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	70242	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	175316	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	167506	20.00	ng	-0.01
87) Perylene-d12	25.06	264	176104	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	142396	99.84	ng	-0.01
7) Phenol-d6	7.22	99	195964	96.26	ng	0.00
23) Nitrobenzene-d5	9.26	82	179285	89.98	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	82109	102.50	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	417426	86.58	ng	-0.01
79) Terphenyl-d14	20.06	244	707574	99.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	22577	33.515	ng	# 90
3) Pyridine	3.91	79	64581	33.607	ng	92
4) n-Nitrosodimethylamine	3.83	42	36463	52.302	ng	82
6) Aniline	7.40	93	45990	17.503	ng	98
8) 2-Chlorophenol	7.64	128	75572	45.667	ng	94
9) Benzaldehyde	7.22	77	44381	30.145	ng	99
10) Phenol	7.25	94	100294	46.511	ng	96
11) bis(2-Chloroethyl)ether	7.49	93	69566	39.517	ng	99
12) 1,3-Dichlorobenzene	7.96	146	75158	39.424	ng	96
13) 1,4-Dichlorobenzene	8.11	146	76567	39.759	ng	97
14) 1,2-Dichlorobenzene	8.43	146	73475	39.962	ng	95
15) Benzyl Alcohol	8.32	79	69673	47.297	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	154839	47.367	ng	96
17) 2-Methylphenol	8.51	107	66917	45.900	ng	95
18) Hexachloroethane	9.16	117	29068	41.474	ng	95
19) n-Nitroso-di-n-propylamine	8.88	70	59062	40.095	ng	93
20) 3+4-Methylphenols	8.84	107	91612	44.328	ng	93
22) Acetophenone	8.90	105	111415	41.983	ng	# 95
24) Nitrobenzene	9.30	77	87332	42.845	ng	97
25) Isophorone	9.81	82	167251	46.634	ng	99
26) 2-Nitrophenol	10.00	139	41989	41.263	ng	90
27) 2,4-Dimethylphenol	10.05	122	78852	51.431	ng	99
28) bis(2-Chloroethoxy)methane	10.29	93	98541	42.968	ng	96
29) 2,4-Dichlorophenol	10.54	162	79476	46.086	ng	96
30) 1,2,4-Trichlorobenzene	10.76	180	78186	40.459	ng	98
31) Naphthalene	10.95	128	229352	43.718	ng	99
32) Benzoic acid	10.18	122	38579	41.371	ng	96
33) 4-Chloroaniline	11.07	127	25075	10.275	ng	95
34) Hexachlorobutadiene	11.21	225	48905	41.119	ng	98
35) Caprolactam	11.84	113	30476m	44.151	ng	
36) 4-Chloro-3-methylphenol	12.17	107	90511	48.041	ng	94
37) 2-Methylnaphthalene	12.54	142	172419	45.754	ng	97
38) 1-Methylnaphthalene	12.76	142	167366	46.140	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	89786	38.253	ng	97

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Quant Time: Dec 03 07:10:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	119122	94.778	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	68437	42.788	ng		96
44) 2,4,5-Trichlorophenol	13.22	196	74577	44.314	ng		97
46) 1,1'-Biphenyl	13.55	154	226659	38.410	ng		99
47) 2-Chloronaphthalene	13.59	162	182460	40.519	ng		98
48) 2-Nitroaniline	13.80	65	66325	46.799	ng		96
49) Acenaphthylene	14.44	152	304234	44.928	ng		99
50) Dimethylphthalate	14.16	163	249983	44.891	ng		100
51) 2,6-Dinitrotoluene	14.29	165	56388	44.741	ng		94
52) Acenaphthene	14.78	154	172906	42.414	ng		99
53) 3-Nitroaniline	14.63	138	18808	13.524	ng		92
54) 2,4-Dinitrophenol	14.83	184	64625	93.267	ng		88
55) Dibenzofuran	15.12	168	284880	42.261	ng		98
56) 4-Nitrophenol	14.93	139	97853	91.230	ng		86
57) 2,4-Dinitrotoluene	15.08	165	81760	47.679	ng	#	95
58) Fluorene	15.76	166	235354	46.794	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	69345	49.243	ng		96
60) Diethylphthalate	15.51	149	266885	45.122	ng		97
61) 4-Chlorophenyl-phenylether	15.74	204	125053	42.492	ng		97
62) 4-Nitroaniline	15.79	138	58382	42.258	ng		89
63) Azobenzene	16.04	77	239166	45.225	ng		95
65) 4,6-Dinitro-2-methylphenol	15.84	198	47887	43.185	ng		94
66) n-Nitrosodiphenylamine	15.96	169	212666	40.097	ng		98
67) 4-Bromophenyl-phenylether	16.64	248	79700	41.419	ng		97
68) Hexachlorobenzene	16.75	284	81584	41.075	ng		99
69) Atrazine	16.91	200	86021	43.997	ng		98
70) Pentachlorophenol	17.10	266	101513	75.253	ng		97
71) Phenanthrene	17.51	178	402540	44.847	ng		100
72) Anthracene	17.59	178	409932	46.331	ng		100
73) Carbazole	17.87	167	377423	42.517	ng		98
74) Di-n-butylphthalate	18.40	149	469445	47.110	ng		98
75) Fluoranthene	19.51	202	498862	48.713	ng		99
77) Benzidine	19.69	184	117489	19.989	ng		99
78) Pyrene	19.87	202	493907	45.099	ng		98
80) Butylbenzylphthalate	20.74	149	212719	44.415	ng		97
81) Benzo(a)anthracene	21.72	228	468890	46.321	ng		100
82) 3,3'-Dichlorobenzidine	21.64	252	68628	17.405	ng		99
83) Chrysene	21.79	228	427703	44.161	ng		98
84) Bis(2-ethylhexyl)phthalate	21.59	149	293119	42.916	ng		97
85) Di-n-octyl phthalate	22.83	149	501270	45.365	ng		97
86) Indeno(1,2,3-cd)pyrene	28.86	276	509862	47.400	ng	#	93
88) Benzo(b)fluoranthene	24.00	252	458930	47.356	ng		99
89) Benzo(k)fluoranthene	24.06	252	434661	45.454	ng		99
90) Benzo(a)pyrene	24.90	252	435489	47.021	ng		98
91) Dibenzo(a,h)anthracene	28.93	278	421040	47.248	ng		97
92) Benzo(g,h,i)perylene	30.06	276	420003	47.401	ng		96

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

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