Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038421.D
Acq On : 8 Dec 2018 2:41
Operator : JU/SJ
Sample : PB115307BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115307BS

Manual Integrations APPROVED
Sohil
12/11/2018 10:30:36 AM

Quant Time: Dec 08 04:44:29 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	22265	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	98865	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	70045	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	174668	20.00	ng	0.00
76) Chrysene-d12	21.74	240	167455	20.00	ng	0.00
87) Perylene-d12	25.04	264	173738	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	133714	106.28	ng	0.00
7) Phenol-d6	7.22	99	186462	102.54	ng	0.00
23) Nitrobenzene-d5	9.25	82	176156	88.46	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	91115	105.96	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	432745	88.03	ng	0.00
79) Terphenyl-d14	20.05	244	748029	95.70	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	18507	32.095	ng	# 86
3) Pyridine	3.90	79	62944	36.487	ng	94
4) n-Nitrosodimethylamine	3.82	42	36894	48.823	ng	# 77
6) Aniline	7.39	93	69410	29.885	ng	99
8) 2-Chlorophenol	7.63	128	74338	50.874	ng	99
9) Benzaldehyde	7.21	77	32407	28.143	ng	96
10) Phenol	7.25	94	97394	50.691	ng	92
11) bis(2-Chloroethyl)ether	7.48	93	65076	41.356	ng	99
12) 1,3-Dichlorobenzene	7.95	146	71030	41.591	ng	94
13) 1,4-Dichlorobenzene	8.11	146	72400	40.973	ng	98
14) 1,2-Dichlorobenzene	8.42	146	69595	43.475	ng	96
15) Benzyl Alcohol	8.31	79	58704	39.266	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	148665	41.536	ng	99
17) 2-Methylphenol	8.50	107	67334	51.783	ng	91
18) Hexachloroethane	9.15	117	26703	41.871	ng	91
19) n-Nitroso-di-n-propylamine	8.87	70	57116	43.140	ng	94
20) 3+4-Methylphenols	8.83	107	91483	47.263	ng	94
22) Acetophenone	8.90	105	108126	45.678	ng	# 96
24) Nitrobenzene	9.29	77	88067	43.530	ng	95
25) Isophorone	9.80	82	167250	47.792	ng	97
26) 2-Nitrophenol	10.00	139	42793	45.650	ng	93
27) 2,4-Dimethylphenol	10.04	122	78475	58.283	ng	99
28) bis(2-Chloroethoxy)methane	10.29	93	95263	47.485	ng	97
29) 2,4-Dichlorophenol	10.53	162	83396	54.260	ng	99
30) 1,2,4-Trichlorobenzene	10.74	180	78952	43.759	ng	98
31) Naphthalene	10.94	128	229807	48.662	ng	99
32) Benzoic acid	10.18	122	33810	36.623	ng	99
33) 4-Chloroaniline	11.07	127	11771	5.630	ng	96
34) Hexachlorobutadiene	11.20	225	50357	44.613	ng	95
35) Caprolactam	11.84	113	30373m	47.787	ng	
36) 4-Chloro-3-methylphenol	12.16	107	91846	53.783	ng	94
37) 2-Methylnaphthalene	12.54	142	177694	52.835	ng	97
38) 1-Methylnaphthalene	12.76	142	168528	52.320	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	99214	41.164	ng	99

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Quant Time: Dec 08 04:44:29 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)
41) Hexachlorocyclopentadiene	12.86	237	136782	103.269	ng		97
43) 2,4,6-Trichlorophenol	13.14	196	72534	46.457	ng		97
44) 2,4,5-Trichlorophenol	13.21	196	79591	48.119	ng		95
46) 1,1'-Biphenyl	13.54	154	235680	39.805	ng		99
47) 2-Chloronaphthalene	13.59	162	188171	42.117	ng		99
48) 2-Nitroaniline	13.80	65	66971	44.679	ng		98
49) Acenaphthylene	14.43	152	315348	46.865	ng		98
50) Dimethylphthalate	14.16	163	263824	46.959	ng		99
51) 2,6-Dinitrotoluene	14.29	165	59660	46.487	ng		94
52) Acenaphthene	14.77	154	180568	44.018	ng		98
53) 3-Nitroaniline	14.62	138	30777	22.267	ng	#	97
54) 2,4-Dinitrophenol	14.83	184	75389	107.161	ng		87
55) Dibenzofuran	15.10	168	307804	45.388	ng		98
56) 4-Nitrophenol	14.92	139	91350	83.666	ng		85
57) 2,4-Dinitrotoluene	15.07	165	85875	48.515	ng		97
58) Fluorene	15.75	166	247015	49.439	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	72786	50.667	ng		98
60) Diethylphthalate	15.51	149	277567	44.594	ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	134035	44.663	ng		98
62) 4-Nitroaniline	15.79	138	62999	46.342	ng		86
63) Azobenzene	16.03	77	240724	44.191	ng		94
65) 4,6-Dinitro-2-methylphenol	15.83	198	53854	47.057	ng		96
66) n-Nitrosodiphenylamine	15.95	169	229338	46.692	ng		99
67) 4-Bromophenyl-phenylether	16.63	248	89404	47.398	ng		97
68) Hexachlorobenzene	16.75	284	91380	46.968	ng		95
69) Atrazine	16.89	200	91873	50.128	ng		99
70) Pentachlorophenol	17.09	266	110752	83.110	ng		98
71) Phenanthrene	17.49	178	431820	49.366	ng		98
72) Anthracene	17.59	178	441698	52.143	ng		100
73) Carbazole	17.86	167	393496	46.804	ng		99
74) Di-n-butylphthalate	18.39	149	478232	48.690	ng		98
75) Fluoranthene	19.50	202	529913	51.851	ng		97
77) Benzidine	19.69	184	221727	39.239	ng		100
78) Pyrene	19.86	202	528741	45.128	ng		97
80) Butylbenzylphthalate	20.73	149	211898	44.966	ng		99
81) Benzo(a)anthracene	21.71	228	498144	48.401	ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	123447	30.833	ng		99
83) Chrysene	21.78	228	460622	47.295	ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	297179	44.493	ng		99
85) Di-n-octyl phthalate	22.81	149	501642	43.801	ng		98
86) Indeno(1,2,3-cd)pyrene	28.83	276	546688	49.391	ng	#	66
88) Benzo(b)fluoranthene	23.98	252	483578	49.260	ng	#	98
89) Benzo(k)fluoranthene	24.05	252	479388	49.031	ng	#	97
90) Benzo(a)pyrene	24.89	252	475432	49.929	ng	#	96
91) Dibenzo(a,h)anthracene	28.89	278	451001	49.938	ng		99
92) Benzo(g,h,i)perylene	30.03	276	448967	50.106	ng	#	94

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

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