Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
Data File : BG039102.D
Acq On : 12 Jan 2019 1:59
Operator : JU/SJ
Sample : PB116333BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116333BS

Manual Integrations APPROVED
Sohil
1/14/2019 4:31:20 PM

Quant Time: Jan 12 03:19:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	23385	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	117267	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	94390	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	246181	20.00	ng		0.00
76) Chrysene-d12	21.69	240	204413	20.00	ng		-0.01
87) Perylene-d12	24.96	264	224807	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	228802	185.60	ng		0.00
7) Phenol-d6	7.19	99	318606	179.59	ng		0.00
23) Nitrobenzene-d5	9.20	82	191208	89.22	ng		-0.01
42) 2,4,6-Tribromophenol	16.16	330	204326	129.14	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	553269	80.22	ng		0.00
79) Terphenyl-d14	20.02	244	979335	88.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	17192	35.613	ng		97
3) Pyridine	3.85	79	53508	40.792	ng		87
4) n-Nitrosodimethylamine	3.78	42	29095	49.291	ng		86
6) Aniline	7.35	93	40956	19.223	ng		97
8) 2-Chlorophenol	7.59	128	80711	55.542	ng		96
9) Benzaldehyde	7.17	77	24089	23.545	ng		94
10) Phenol	7.22	94	109581	61.609	ng		95
11) bis(2-Chloroethyl)ether	7.44	93	65629	48.278	ng		98
12) 1,3-Dichlorobenzene	7.91	146	70023	40.219	ng		98
13) 1,4-Dichlorobenzene	8.06	146	73368	41.609	ng		98
14) 1,2-Dichlorobenzene	8.38	146	75258	44.764	ng		99
15) Benzyl Alcohol	8.27	79	79550	59.542	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	125626	48.194	ng		99
17) 2-Methylphenol	8.47	107	80818	65.437	ng		97
18) Hexachloroethane	9.10	117	27003	45.077	ng		90
19) n-Nitroso-di-n-propylamine	8.83	70	63424	54.441	ng		88
20) 3+4-Methylphenols	8.80	107	111445	63.289	ng		98
22) Acetophenone	8.85	105	123193	40.227	ng	#	97
24) Nitrobenzene	9.25	77	93789	43.298	ng		96
25) Isophorone	9.76	82	183237	49.637	ng		97
26) 2-Nitrophenol	9.95	139	51071	43.589	ng		99
27) 2,4-Dimethylphenol	10.01	122	89566	54.336	ng		91
28) bis(2-Chloroethoxy)methane	10.24	93	105169	47.403	ng		97
29) 2,4-Dichlorophenol	10.49	162	108610	53.037	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	97205	39.506	ng		99
31) Naphthalene	10.89	128	266205	45.262	ng		100
32) Benzoic acid	10.17	122	28799	32.263	ng		98
33) 4-Chloroaniline	11.01	127	30159	11.460	ng		96
34) Hexachlorobutadiene	11.15	225	61204	36.150	ng		97
35) Caprolactam	11.80	113	38968m	47.454	ng		
36) 4-Chloro-3-methylphenol	12.13	107	119464	54.543	ng		89
37) 2-Methylnaphthalene	12.50	142	217813	49.396	ng		100
38) 1-Methylnaphthalene	12.71	142	208859	49.347	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	145357	41.005	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	143887	72.638 ng		95
43) 2,4,6-Trichlorophenol	13.10	196	100389	44.996 ng		97
44) 2,4,5-Trichlorophenol	13.18	196	108085	45.837 ng		97
46) 1,1'-Biphenyl	13.50	154	299673	40.067 ng		98
47) 2-Chloronaphthalene	13.55	162	239980	39.650 ng		97
48) 2-Nitroaniline	13.77	65	76175	44.925 ng		92
49) Acenaphthylene	14.39	152	409190	44.980 ng		99
50) Dimethylphthalate	14.12	163	345006	43.253 ng		99
51) 2,6-Dinitrotoluene	14.25	165	77372	43.387 ng		97
52) Acenaphthene	14.73	154	234895	42.976 ng		93
53) 3-Nitroaniline	14.59	138	21005	11.611 ng		97
54) 2,4-Dinitrophenol	14.80	184	41262	41.481 ng		94
55) Dibenzofuran	15.06	168	420509	43.561 ng		99
56) 4-Nitrophenol	14.90	139	107199	82.355 ng		91
57) 2,4-Dinitrotoluene	15.04	165	116498	45.534 ng		98
58) Fluorene	15.72	166	363390	50.011 ng		96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	104456	46.927 ng		98
60) Diethylphthalate	15.47	149	374227	45.537 ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	204013	44.566 ng		99
62) 4-Nitroaniline	15.76	138	85977	45.621 ng		90
63) Azobenzene	15.99	77	302017	46.994 ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	50600	27.743 ng		96
66) n-Nitrosodiphenylamine	15.92	169	328795	45.053 ng		97
67) 4-Bromophenyl-phenylether	16.60	248	133248	42.107 ng		97
68) Hexachlorobenzene	16.71	284	137078	39.697 ng		99
69) Atrazine	16.86	200	127327	41.069 ng		98
70) Pentachlorophenol	17.06	266	108522	52.978 ng		96
71) Phenanthrene	17.46	178	570600	43.851 ng		99
72) Anthracene	17.55	178	591136	45.946 ng		99
73) Carbazole	17.83	167	500246	39.387 ng		98
74) Di-n-butylphthalate	18.35	149	605636	42.864 ng		99
75) Fluoranthene	19.47	202	650165	40.305 ng		99
77) Benzidine	19.65	184	119078	19.046 ng		98
78) Pyrene	19.83	202	609454	46.784 ng		99
80) Butylbenzylphthalate	20.70	149	225926	45.599 ng		100
81) Benzo(a)anthracene	21.67	228	560023	45.005 ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	86037	16.970 ng		98
83) Chrysene	21.74	228	518165	43.782 ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	311512	45.281 ng		97
85) Di-n-octyl phthalate	22.75	149	548291	47.133 ng		99
86) Indeno(1,2,3-cd)pyrene	28.72	276	691321	48.885 ng	#	94
88) Benzo(b)fluoranthene	23.92	252	560704	45.233 ng		99
89) Benzo(k)fluoranthene	23.98	252	559925	45.686 ng		97
90) Benzo(a)pyrene	24.81	252	583816	48.726 ng	#	98
91) Dibenzo(a,h)anthracene	28.78	278	568668	47.716 ng		98
92) Benzo(g,h,i)perylene	29.90	276	545124	46.203 ng		96

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

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