Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
Data File : BG038931.D
Acq On : 4 Jan 2019 15:53
Operator : JU/SJ
Sample : PB116158BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116158BSD

Manual Integrations APPROVED
Sohil
1/7/2019 12:48:11 PM

Quant Time: Jan 04 22:54:51 2019
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	24288	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	98025	20.00	ng		-0.02
39) Acenaphthene-d10	14.69	164	70081	20.00	ng		-0.01
64) Phenanthrene-d10	17.44	188	182378	20.00	ng		0.00
76) Chrysene-d12	21.71	240	183772	20.00	ng		-0.01
87) Perylene-d12	25.00	264	177980	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	168809	123.27	ng		0.00
7) Phenol-d6	7.21	99	225107	119.74	ng		0.00
23) Nitrobenzene-d5	9.22	82	117411	61.19	ng		-0.02
42) 2,4,6-Tribromophenol	16.18	330	132775	137.47	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	319671	62.58	ng		-0.01
79) Terphenyl-d14	20.03	244	674228	79.85	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	27997	43.929	ng		96
3) Pyridine	3.88	79	50326	28.681	ng		98
4) n-Nitrosodimethylamine	3.80	42	31491	36.627	ng	#	95
6) Aniline	7.37	93	73665	30.696	ng		98
8) 2-Chlorophenol	7.61	128	71017	44.815	ng		95
9) Benzaldehyde	7.19	77	13963	11.450	ng		95
10) Phenol	7.24	94	90475	45.301	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	56104	35.284	ng		93
12) 1,3-Dichlorobenzene	7.93	146	72732	38.817	ng		97
13) 1,4-Dichlorobenzene	8.08	146	73670	38.390	ng		97
14) 1,2-Dichlorobenzene	8.40	146	71870	39.727	ng		96
15) Benzyl Alcohol	8.29	79	62837	42.824	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	117902	32.369	ng		97
17) 2-Methylphenol	8.49	107	61388	45.877	ng		98
18) Hexachloroethane	9.12	117	25241	35.996	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	49268	37.315	ng	#	92
20) 3+4-Methylphenols	8.82	107	82137	44.447	ng		97
22) Acetophenone	8.88	105	102445	41.841	ng		94
24) Nitrobenzene	9.27	77	74981	38.628	ng		99
25) Isophorone	9.78	82	141923	41.167	ng		97
26) 2-Nitrophenol	9.97	139	41872	42.146	ng		94
27) 2,4-Dimethylphenol	10.03	122	70645	49.616	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	80200	41.223	ng		99
29) 2,4-Dichlorophenol	10.51	162	80929	51.092	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	81767	42.736	ng		97
31) Naphthalene	10.91	128	216205	44.765	ng		99
32) Benzoic acid	10.17	122	34173m	39.948	ng		
33) 4-Chloroaniline	11.03	127	63798	30.425	ng		94
34) Hexachlorobutadiene	11.17	225	55155	42.603	ng		98
35) Caprolactam	11.82	113	28151	42.944	ng	#	91
36) 4-Chloro-3-methylphenol	12.15	107	84245	46.606	ng		96
37) 2-Methylnaphthalene	12.51	142	168121	48.793	ng		99
38) 1-Methylnaphthalene	12.74	142	158864	47.513	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	104967	40.070	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	117997	81.988	ng		93
43) 2,4,6-Trichlorophenol	13.12	196	74164	46.045	ng		100
44) 2,4,5-Trichlorophenol	13.20	196	81094	47.552	ng		98
46) 1,1'-Biphenyl	13.52	154	222836	37.929	ng		99
47) 2-Chloronaphthalene	13.56	162	180440	39.761	ng		98
48) 2-Nitroaniline	13.78	65	57408	39.715	ng		94
49) Acenaphthylene	14.41	152	300654	44.316	ng		99
50) Dimethylphthalate	14.13	163	243043	42.467	ng		99
51) 2,6-Dinitrotoluene	14.27	165	55550	42.832	ng		89
52) Acenaphthene	14.75	154	171300	42.225	ng		100
53) 3-Nitroaniline	14.60	138	42123	31.861	ng		97
54) 2,4-Dinitrophenol	14.82	184	53284	69.758	ng		98
55) Dibenzofuran	15.08	168	295788	42.535	ng		96
56) 4-Nitrophenol	14.92	139	79219	78.985	ng		97
57) 2,4-Dinitrotoluene	15.06	165	79788	43.679	ng		94
58) Fluorene	15.73	166	241289	46.833	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.31	232	78740	51.320	ng		93
60) Diethylphthalate	15.49	149	252599	40.206	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	135535	42.163	ng		98
62) 4-Nitroaniline	15.77	138	58393	42.901	ng		95
63) Azobenzene	16.01	77	204478	38.960	ng		94
65) 4,6-Dinitro-2-methylphenol	15.81	198	48419	37.217	ng		90
66) n-Nitrosodiphenylamine	15.94	169	221197	41.278	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	93994	42.200	ng		97
68) Hexachlorobenzene	16.73	284	101163	43.814	ng		95
69) Atrazine	16.88	200	91509	46.015	ng		97
70) Pentachlorophenol	17.08	266	100919	73.896	ng		96
71) Phenanthrene	17.48	178	423112	44.738	ng		98
72) Anthracene	17.57	178	427085	45.743	ng		99
73) Carbazole	17.85	167	374783	40.589	ng		99
74) Di-n-butylphthalate	18.37	149	438583	41.395	ng		99
75) Fluoranthene	19.49	202	521897	44.601	ng		98
77) Benzidine	19.67	184	202405	37.242	ng		100
78) Pyrene	19.85	202	517233	42.604	ng		100
80) Butylbenzylphthalate	20.71	149	195301	41.175	ng		96
81) Benzo(a)anthracene	21.70	228	500728	44.715	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	142823	32.158	ng		99
83) Chrysene	21.76	228	467106	43.307	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	272467	40.503	ng		98
85) Di-n-octyl phthalate	22.78	149	459817	40.814	ng		97
86) Indeno(1,2,3-cd)pyrene	28.79	276	559273	44.104	ng	#	81
88) Benzo(b)fluoranthene	23.95	252	495084	50.664	ng		99
89) Benzo(k)fluoranthene	24.02	252	478280	49.152	ng		97
90) Benzo(a)pyrene	24.85	252	479011	50.811	ng		99
91) Dibenzo(a,h)anthracene	28.85	278	461351	49.150	ng		98
92) Benzo(g,h,i)perylene	29.97	276	465150	50.284	ng		96

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

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