Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
Data File : BG039738.D
Acq On : 4 Mar 2019 19:29
Operator : JU/SJ
Sample : PB117513BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117513BS

Manual Integrations APPROVED
Sohil
3/5/2019 5:21:43 PM

Quant Time: Mar 05 06:44:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39884	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	177973	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	124333	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	311710	20.00	ng		0.00
76) Chrysene-d12	21.82	240	321434	20.00	ng		0.00
87) Perylene-d12	25.19	264	335965	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	345430	147.76	ng		0.00
7) Phenol-d6	7.31	99	485542	139.29	ng		0.00
23) Nitrobenzene-d5	9.33	82	250675	76.18	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	194394	134.14	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	638874	73.16	ng		-0.01
79) Terphenyl-d14	20.12	244	1105056	75.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	41713	38.647	ng		94
3) Pyridine	3.99	79	104928	36.313	ng		98
4) n-Nitrosodimethylamine	3.91	42	56186	40.988	ng		91
6) Aniline	7.48	93	140756	30.820	ng		99
8) 2-Chlorophenol	7.72	128	118891	41.918	ng		95
9) Benzaldehyde	7.29	77	79746	35.465	ng		97
10) Phenol	7.33	94	164206	43.483	ng		97
11) bis(2-Chloroethyl)ether	7.58	93	111722	37.945	ng		95
12) 1,3-Dichlorobenzene	8.05	146	120874	37.682	ng		98
13) 1,4-Dichlorobenzene	8.19	146	122855	37.601	ng		99
14) 1,2-Dichlorobenzene	8.51	146	119788	37.945	ng		99
15) Benzyl Alcohol	8.39	79	113204	40.939	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	224212	38.075	ng		100
17) 2-Methylphenol	8.59	107	106330	44.158	ng		98
18) Hexachloroethane	9.24	117	43828	37.384	ng		99
19) n-Nitroso-di-n-propylamine	8.96	70	91470	36.456	ng		96
20) 3+4-Methylphenols	8.92	107	145068	43.367	ng		97
22) Acetophenone	8.99	105	174201	36.469	ng	#	95
24) Nitrobenzene	9.38	77	137905	39.948	ng		96
25) Isophorone	9.89	82	266813	38.696	ng		98
26) 2-Nitrophenol	10.08	139	67175	40.303	ng		97
27) 2,4-Dimethylphenol	10.13	122	124966	48.207	ng		95
28) bis(2-Chloroethoxy)methane	10.37	93	162181	38.706	ng		94
29) 2,4-Dichlorophenol	10.62	162	133064	45.591	ng		94
30) 1,2,4-Trichlorobenzene	10.84	180	125937	38.346	ng		97
31) Naphthalene	11.03	128	369408	39.203	ng		99
32) Benzoic acid	10.26	122	64477	37.844	ng		96
33) 4-Chloroaniline	11.14	127	85076	21.292	ng		97
34) Hexachlorobutadiene	11.29	225	82489	36.756	ng		97
35) Caprolactam	11.92	113	45699m	40.989	ng		
36) 4-Chloro-3-methylphenol	12.24	107	144199	43.100	ng		98
37) 2-Methylnaphthalene	12.62	142	285193	40.482	ng		99
38) 1-Methylnaphthalene	12.84	142	273462	39.943	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	156080	37.055	ng		98

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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	12.95	237	215775	95.591	ng		96
43) 2,4,6-Trichlorophenol	13.22	196	109465	44.390	ng		96
44) 2,4,5-Trichlorophenol	13.29	196	119635	43.040	ng		99
46) 1,1'-Biphenyl	13.62	154	393676	38.497	ng		98
47) 2-Chloronaphthalene	13.67	162	300524	39.064	ng		98
48) 2-Nitroaniline	13.87	65	104113	42.111	ng		95
49) Acenaphthylene	14.51	152	491242	38.898	ng		99
50) Dimethylphthalate	14.23	163	413086	39.733	ng		99
51) 2,6-Dinitrotoluene	14.36	165	90580	41.097	ng		99
52) Acenaphthene	14.85	154	300038	39.473	ng		95
53) 3-Nitroaniline	14.70	138	58529	26.418	ng	#	90
54) 2,4-Dinitrophenol	14.90	184	109045	78.555	ng		96
55) Dibenzofuran	15.18	168	488147	39.142	ng		97
56) 4-Nitrophenol	14.99	139	163629	82.560	ng		91
57) 2,4-Dinitrotoluene	15.14	165	129055	41.672	ng	#	88
58) Fluorene	15.83	166	387165	39.491	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	119369	43.972	ng		97
60) Diethylphthalate	15.58	149	419124	40.724	ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	205314	39.245	ng		97
62) 4-Nitroaniline	15.86	138	95974	39.958	ng		100
63) Azobenzene	16.11	77	381462	40.888	ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	75218	40.812	ng		100
66) n-Nitrosodiphenylamine	16.03	169	365425	40.494	ng		99
67) 4-Bromophenyl-phenylether	16.71	248	136810	39.211	ng		95
68) Hexachlorobenzene	16.82	284	140910	38.961	ng		91
69) Atrazine	16.97	200	147962	41.661	ng		95
70) Pentachlorophenol	17.17	266	180144	78.868	ng		98
71) Phenanthrene	17.57	178	672365	39.161	ng		99
72) Anthracene	17.66	178	683936	40.878	ng		99
73) Carbazole	17.93	167	607862	40.300	ng		98
74) Di-n-butylphthalate	18.46	149	739541	41.672	ng		100
75) Fluoranthene	19.57	202	825024	40.659	ng		98
77) Benzidine	19.75	184	417139	40.896	ng		98
78) Pyrene	19.94	202	822668	39.387	ng		99
80) Butylbenzylphthalate	20.80	149	342313	42.302	ng		96
81) Benzo(a)anthracene	21.80	228	785651	38.999	ng		100
82) 3,3'-Dichlorobenzidine	21.71	252	165107	22.449	ng		99
83) Chrysene	21.87	228	751953	38.502	ng		100
84) Bis(2-ethylhexyl)phthalate	21.66	149	476644	41.916	ng		99
85) Di-n-octyl phthalate	22.92	149	819861	43.544	ng		95
86) Indeno(1,2,3-cd)pyrene	29.07	276	915172	41.306	ng		98
88) Benzo(b)fluoranthene	24.11	252	797955	39.830	ng		98
89) Benzo(k)fluoranthene	24.18	252	776664	41.647	ng		99
90) Benzo(a)pyrene	25.04	252	777124	41.978	ng		99
91) Dibenzo(a,h)anthracene	29.14	278	745399	41.071	ng		99
92) Benzo(g,h,i)perylene	30.30	276	757118	41.537	ng		98

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

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