Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082619\
Data File : BG042498.D
Acq On : 26 Aug 2019 13:45
Operator : HP/JU
Sample : PB122444BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122444BSD

Manual Integrations APPROVED
JAGRUT
8/27/2019 7:51:36 AM

Quant Time: Aug 27 02:03:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	46926	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	196051	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	137547	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	313646	20.00	ng	0.00
76) Chrysene-d12	21.69	240	349204	20.00	ng	0.00
87) Perylene-d12	24.93	264	378513	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	269852	116.47	ng	0.00
7) Phenol-d6	7.16	99	341703	109.18	ng	0.00
23) Nitrobenzene-d5	9.17	82	175484	61.85	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	185760	95.02	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	532593	65.49	ng	0.00
79) Terphenyl-d14	20.02	244	1004544	62.19	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	36291	37.532	ng	97
3) Pyridine	3.82	79	74426	30.017	ng	96
4) n-Nitrosodimethylamine	3.73	42	34737	39.226	ng	91
6) Aniline	7.32	93	124959	29.935	ng	99
8) 2-Chlorophenol	7.56	128	117929	41.997	ng	97
9) Benzaldehyde	7.13	77	72156	46.051	ng	99
10) Phenol	7.19	94	134254	42.190	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	98912	39.579	ng	99
12) 1,3-Dichlorobenzene	7.89	146	133561	37.389	ng	97
13) 1,4-Dichlorobenzene	8.03	146	134487	37.168	ng	98
14) 1,2-Dichlorobenzene	8.36	146	128497	37.083	ng	98
15) Benzyl Alcohol	8.24	79	86928	38.606	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	125590	37.077	ng	99
17) 2-Methylphenol	8.45	107	94437	40.292	ng	95
18) Hexachloroethane	9.09	117	45295	36.566	ng	93
19) n-Nitroso-di-n-propylamine	8.81	70	74496	36.741	ng	95
20) 3+4-Methylphenols	8.78	107	129214	39.841	ng	98
22) Acetophenone	8.82	105	162087	38.655	ng	99
24) Nitrobenzene	9.21	77	111823	38.923	ng	98
25) Isophorone	9.73	82	209320	37.385	ng	97
26) 2-Nitrophenol	9.93	139	69469	38.586	ng	95
27) 2,4-Dimethylphenol	9.99	122	107585	43.381	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	133513	37.834	ng	99
29) 2,4-Dichlorophenol	10.47	162	126965	39.130	ng	97
30) 1,2,4-Trichlorobenzene	10.68	180	143894	36.130	ng	97
31) Naphthalene	10.87	128	350087	38.462	ng	100
32) Benzoic acid	10.14	122	50452	31.430	ng	99
33) 4-Chloroaniline	10.98	127	95008	22.611	ng	98
34) Hexachlorobutadiene	11.16	225	91980	34.364	ng	99
35) Caprolactam	11.75	113	39027m	36.046	ng	
36) 4-Chloro-3-methylphenol	12.11	107	117408	38.117	ng	99
37) 2-Methylnaphthalene	12.48	142	276522	37.835	ng	99
38) 1-Methylnaphthalene	12.70	142	259964	37.447	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	173326	39.240	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	12.83	237	183157	78.938	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	112707	37.749	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	122028	39.440	ng		97
46) 1,1'-Biphenyl	13.49	154	357237	40.179	ng		100
47) 2-Chloronaphthalene	13.53	162	290415	37.881	ng		98
48) 2-Nitroaniline	13.73	65	67146	36.320	ng		98
49) Acenaphthylene	14.38	152	458797	39.778	ng		99
50) Dimethylphthalate	14.11	163	367298	37.009	ng		100
51) 2,6-Dinitrotoluene	14.23	165	87647	38.100	ng		96
52) Acenaphthene	14.72	154	268883	38.392	ng		100
53) 3-Nitroaniline	14.56	138	60003	26.081	ng		95
54) 2,4-Dinitrophenol	14.77	184	94732	62.570	ng		96
55) Dibenzofuran	15.06	168	451484	38.944	ng		99
56) 4-Nitrophenol	14.88	139	133383	81.591	ng		97
57) 2,4-Dinitrotoluene	15.03	165	122901	37.309	ng		97
58) Fluorene	15.71	166	366600	38.684	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	118268m	38.653	ng		
60) Diethylphthalate	15.47	149	357786	36.878	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	212290	37.161	ng		99
62) 4-Nitroaniline	15.73	138	90760	36.860	ng		98
63) Azobenzene	15.99	77	258471	38.880	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	77731	39.529	ng		98
66) n-Nitrosodiphenylamine	15.91	169	337627	39.143	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	142456	35.807	ng		99
68) Hexachlorobenzene	16.72	284	149218	34.503	ng		97
69) Atrazine	16.86	200	123254	40.408	ng		96
70) Pentachlorophenol	17.07	266	177937	79.185	ng		98
71) Phenanthrene	17.45	178	615722	39.522	ng		99
72) Anthracene	17.55	178	625732	40.233	ng		100
73) Carbazole	17.82	167	565039	40.764	ng		99
74) Di-n-butylphthalate	18.37	149	655611	40.012	ng		100
75) Fluoranthene	19.47	202	810863	42.647	ng		99
77) Benzidine	19.64	184	350912	35.050	ng		99
78) Pyrene	19.83	202	812592	37.955	ng		100
80) Butylbenzylphthalate	20.71	149	326171	38.734	ng		99
81) Benzo(a)anthracene	21.67	228	823126	38.749	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	285012	33.360	ng		98
83) Chrysene	21.74	228	800431	39.071	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	465223	39.790	ng		98
85) Di-n-octyl phthalate	22.79	149	809416	40.251	ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	1047170	37.613	ng	#	95
88) Benzo(b)fluoranthene	23.90	252	896385	43.076	ng		99
89) Benzo(k)fluoranthene	23.97	252	884464	44.219	ng		100
90) Benzo(a)pyrene	24.78	252	883112	44.723	ng		99
91) Dibenzo(a,h)anthracene	28.70	278	869795	43.505	ng		99
92) Benzo(g,h,i)perylene	29.79	276	878937	43.955	ng		99

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

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