Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082619\
Data File : BG042497.D
Acq On : 26 Aug 2019 13:07
Operator : HP/JU
Sample : PB122444BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Manual Integrations APPROVED
JAGRUT
8/27/2019 7:51:34 AM

Quant Time: Aug 27 01:56:26 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	48506	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	200442	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	139094	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	317549	20.00	ng	0.00
76) Chrysene-d12	21.69	240	346636	20.00	ng	0.00
87) Perylene-d12	24.93	264	377904	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	277275	115.77	ng	0.00
7) Phenol-d6	7.17	99	353166	109.17	ng	0.00
23) Nitrobenzene-d5	9.16	82	181357	62.52	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	186053	94.11	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	538573	65.49	ng	0.00
79) Terphenyl-d14	20.02	244	1002944	62.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	37529	37.548	ng	97
3) Pyridine	3.82	79	80123	31.263	ng	97
4) n-Nitrosodimethylamine	3.73	42	35296	38.559	ng	83
6) Aniline	7.32	93	129395	29.988	ng	99
8) 2-Chlorophenol	7.57	128	123542	42.563	ng	97
9) Benzaldehyde	7.12	77	74361	45.912	ng	92
10) Phenol	7.19	94	140242	42.636	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	103481	40.058	ng	98
12) 1,3-Dichlorobenzene	7.89	146	136643	37.006	ng	99
13) 1,4-Dichlorobenzene	8.04	146	141700	37.886	ng	98
14) 1,2-Dichlorobenzene	8.35	146	132528	37.000	ng	99
15) Benzyl Alcohol	8.24	79	89993	38.665	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	130779	37.351	ng	99
17) 2-Methylphenol	8.45	107	97422	40.212	ng	96
18) Hexachloroethane	9.09	117	46809	36.557	ng	99
19) n-Nitroso-di-n-propylamine	8.81	70	75843	36.187	ng	98
20) 3+4-Methylphenols	8.78	107	133375	39.784	ng	98
22) Acetophenone	8.82	105	167020	38.959	ng	99
24) Nitrobenzene	9.21	77	113825	38.752	ng	97
25) Isophorone	9.73	82	211750	36.991	ng	99
26) 2-Nitrophenol	9.93	139	72565	39.423	ng	98
27) 2,4-Dimethylphenol	9.99	122	112342	44.307	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	136218	37.755	ng	98
29) 2,4-Dichlorophenol	10.47	162	130996	39.488	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	147511	36.227	ng	98
31) Naphthalene	10.87	128	359046	38.582	ng	100
32) Benzoic acid	10.13	122	55528	33.209	ng	97
33) 4-Chloroaniline	10.98	127	98052	22.824	ng	97
34) Hexachlorobutadiene	11.16	225	95408	34.864	ng	100
35) Caprolactam	11.75	113	39553m	35.732	ng	
36) 4-Chloro-3-methylphenol	12.11	107	120594	38.294	ng	97
37) 2-Methylnaphthalene	12.48	142	282010	37.741	ng	99
38) 1-Methylnaphthalene	12.70	142	263876	37.178	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	176721	39.563	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	189233	80.650	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	113911	37.728	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	124244	39.710	ng		97
46) 1,1'-Biphenyl	13.49	154	364397	40.528	ng		99
47) 2-Chloronaphthalene	13.53	162	296743	38.276	ng		99
48) 2-Nitroaniline	13.73	65	68520	36.651	ng		99
49) Acenaphthylene	14.38	152	468885	40.200	ng		100
50) Dimethylphthalate	14.11	163	371300	36.996	ng		100
51) 2,6-Dinitrotoluene	14.23	165	90268	38.803	ng		98
52) Acenaphthene	14.72	154	273190	38.573	ng		99
53) 3-Nitroaniline	14.56	138	62329	26.791	ng		99
54) 2,4-Dinitrophenol	14.77	184	97310	63.459	ng		95
55) Dibenzofuran	15.06	168	461149	39.336	ng		100
56) 4-Nitrophenol	14.89	139	132686	80.262	ng		96
57) 2,4-Dinitrotoluene	15.02	165	126019	37.830	ng		96
58) Fluorene	15.71	166	367754	38.375	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	118443m	38.280	ng		
60) Diethylphthalate	15.47	149	361007	36.797	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	212461	36.778	ng		99
62) 4-Nitroaniline	15.73	138	89564	35.970	ng		99
63) Azobenzene	15.99	77	266040	39.574	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	78909	39.635	ng		98
66) n-Nitrosodiphenylamine	15.91	169	341097	39.059	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	145792	36.196	ng		98
68) Hexachlorobenzene	16.73	284	150152	34.292	ng		97
69) Atrazine	16.86	200	125079	40.502	ng		99
70) Pentachlorophenol	17.07	266	175999	77.360	ng		98
71) Phenanthrene	17.45	178	619691	39.288	ng		99
72) Anthracene	17.55	178	630126	40.017	ng		99
73) Carbazole	17.81	167	567852	40.463	ng		99
74) Di-n-butylphthalate	18.37	149	665007	40.087	ng		100
75) Fluoranthene	19.47	202	808953	42.023	ng		99
77) Benzidine	19.65	184	352972	35.517	ng		99
78) Pyrene	19.83	202	820974	38.630	ng		99
80) Butylbenzylphthalate	20.71	149	323272	38.674	ng		97
81) Benzo(a)anthracene	21.67	228	824521	39.102	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	281488	33.192	ng		98
83) Chrysene	21.74	228	799473	39.313	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	463841	39.966	ng		99
85) Di-n-octyl phthalate	22.79	149	812824	40.720	ng		99
86) Indeno(1,2,3-cd)pyrene	28.63	276	1049901	37.990	ng	#	94
88) Benzo(b)fluoranthene	23.90	252	909298	43.767	ng		99
89) Benzo(k)fluoranthene	23.97	252	880424	44.087	ng		99
90) Benzo(a)pyrene	24.78	252	886950	44.990	ng		99
91) Dibenzo(a,h)anthracene	28.70	278	868836	43.527	ng		97
92) Benzo(g,h,i)perylene	29.79	276	874795	43.819	ng		98

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

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