Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082619\
Data File : BG042500.D
Acq On : 26 Aug 2019 15:02
Operator : HP/JU
Sample : PB122533BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122533BSD

Manual Integrations APPROVED
JAGRUT
8/27/2019 7:51:40 AM

Quant Time: Aug 27 02:14:36 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	42757	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	177395	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	125058	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	279225	20.00	ng		0.00
76) Chrysene-d12	21.69	240	310588	20.00	ng		0.00
87) Perylene-d12	24.92	264	356803	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	277152	131.28	ng		0.00
7) Phenol-d6	7.17	99	346826	121.62	ng		0.00
23) Nitrobenzene-d5	9.17	82	176018	68.57	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	188340	105.96	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	536565	72.57	ng		0.00
79) Terphenyl-d14	20.02	244	997921	69.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	37361	42.406	ng		100
3) Pyridine	3.81	79	80464	35.617	ng		98
4) n-Nitrosodimethylamine	3.73	42	34853	43.194	ng		85
6) Aniline	7.32	93	128379	33.753	ng		98
8) 2-Chlorophenol	7.56	128	120357	47.041	ng		99
9) Benzaldehyde	7.13	77	75070	52.582	ng		99
10) Phenol	7.19	94	139228	48.019	ng		100
11) bis(2-Chloroethyl)ether	7.41	93	103609	45.500	ng		97
12) 1,3-Dichlorobenzene	7.89	146	136771	42.021	ng		97
13) 1,4-Dichlorobenzene	8.03	146	139232	42.231	ng		97
14) 1,2-Dichlorobenzene	8.36	146	132227	41.880	ng		98
15) Benzyl Alcohol	8.24	79	88570	43.170	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	127721	41.383	ng		98
17) 2-Methylphenol	8.45	107	95566	44.749	ng		96
18) Hexachloroethane	9.09	117	47215	41.833	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	76078	41.179	ng		99
20) 3+4-Methylphenols	8.78	107	131401	44.465	ng		98
22) Acetophenone	8.83	105	165870	43.717	ng	#	98
24) Nitrobenzene	9.21	77	113688	43.734	ng		98
25) Isophorone	9.74	82	209319	41.317	ng		99
26) 2-Nitrophenol	9.92	139	72839	44.713	ng		99
27) 2,4-Dimethylphenol	9.99	122	110375	49.187	ng		97
28) bis(2-Chloroethoxy)methane	10.22	93	135493	42.433	ng		99
29) 2,4-Dichlorophenol	10.47	162	130666	44.506	ng		96
30) 1,2,4-Trichlorobenzene	10.69	180	145880	40.481	ng		99
31) Naphthalene	10.87	128	358524	43.531	ng		100
32) Benzoic acid	10.14	122	54835	36.109	ng		97
33) 4-Chloroaniline	10.98	127	92219	24.256	ng		96
34) Hexachlorobutadiene	11.16	225	94918	39.191	ng		99
35) Caprolactam	11.75	113	39542m	40.363	ng		
36) 4-Chloro-3-methylphenol	12.12	107	117708	42.234	ng		96
37) 2-Methylnaphthalene	12.48	142	283788	42.913	ng		99
38) 1-Methylnaphthalene	12.70	142	261336	41.603	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	175679	43.744	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	207111	98.176	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	116012	42.736	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	121455	43.175	ng		96
46) 1,1'-Biphenyl	13.49	154	367307	45.437	ng		99
47) 2-Chloronaphthalene	13.53	162	296600	42.551	ng		99
48) 2-Nitroaniline	13.74	65	67814	40.345	ng		98
49) Acenaphthylene	14.38	152	467526	44.583	ng		100
50) Dimethylphthalate	14.11	163	369266	40.923	ng		99
51) 2,6-Dinitrotoluene	14.23	165	88818	42.465	ng		92
52) Acenaphthene	14.72	154	269931	42.390	ng		98
53) 3-Nitroaniline	14.56	138	60658	28.999	ng		99
54) 2,4-Dinitrophenol	14.78	184	96292	69.213	ng		96
55) Dibenzofuran	15.06	168	459123	43.558	ng		100
56) 4-Nitrophenol	14.88	139	133050	89.515	ng		98
57) 2,4-Dinitrotoluene	15.02	165	123545	41.250	ng		97
58) Fluorene	15.71	166	367459	42.647	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	119081m	42.805	ng		
60) Diethylphthalate	15.47	149	355743	40.330	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	211207	40.664	ng		98
62) 4-Nitroaniline	15.73	138	87524	39.096	ng		98
63) Azobenzene	15.99	77	259160	42.877	ng		97
65) 4,6-Dinitro-2-methylphenol	15.79	198	77499	44.269	ng		98
66) n-Nitrosodiphenylamine	15.91	169	338824	44.124	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	143749	40.587	ng		99
68) Hexachlorobenzene	16.72	284	150352	39.050	ng		96
69) Atrazine	16.86	200	122647	45.166	ng		96
70) Pentachlorophenol	17.07	266	173750	86.854	ng		98
71) Phenanthrene	17.45	178	609646	43.956	ng		99
72) Anthracene	17.54	178	625886	45.203	ng		100
73) Carbazole	17.81	167	560614	45.430	ng		99
74) Di-n-butylphthalate	18.37	149	648452	44.454	ng		99
75) Fluoranthene	19.47	202	806821	47.665	ng		99
77) Benzidine	19.64	184	447710	50.278	ng		100
78) Pyrene	19.82	202	808541	42.461	ng		99
80) Butylbenzylphthalate	20.71	149	322784	43.097	ng		98
81) Benzo(a)anthracene	21.67	228	821390	43.474	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	253948	33.420	ng		97
83) Chrysene	21.73	228	803247	44.083	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	461686	44.398	ng		98
85) Di-n-octyl phthalate	22.79	149	812626	45.435	ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	1054863	42.600	ng	#	95
88) Benzo(b)fluoranthene	23.90	252	896186	45.687	ng		99
89) Benzo(k)fluoranthene	23.97	252	906910	48.100	ng		100
90) Benzo(a)pyrene	24.78	252	896083	48.141	ng		100
91) Dibenzo(a,h)anthracene	28.70	278	871900	46.263	ng		99
92) Benzo(g,h,i)perylene	29.79	276	883369	46.865	ng		98

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

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