Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
Data File : BG040200.D
Acq On : 28 Mar 2019 15:03
Operator : JU/SJ
Sample : PB118351BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB118351BSD

Manual Integrations APPROVED
Sohil
3/29/2019 4:45:25 PM

Quant Time: Mar 29 07:12:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	50888	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	196124	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	120830	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	311773	20.00	ng		0.00
76) Chrysene-d12	21.73	240	327280	20.00	ng		0.00
87) Perylene-d12	25.03	264	335653	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	394830	128.98	ng		0.00
7) Phenol-d6	7.22	99	528798	125.00	ng		0.00
23) Nitrobenzene-d5	9.25	82	285395	77.35	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	188845	144.61	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	639995	78.48	ng		0.00
79) Terphenyl-d14	20.04	244	1149110	78.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	73689	51.195	ng		93
3) Pyridine	3.92	79	143980	37.152	ng		98
4) n-Nitrosodimethylamine	3.84	42	65993	36.813	ng		91
6) Aniline	7.39	93	154863	28.176	ng		98
8) 2-Chlorophenol	7.63	128	139862	39.032	ng		94
9) Benzaldehyde	7.21	77	51591	17.778	ng		96
10) Phenol	7.25	94	183676	40.000	ng		97
11) bis(2-Chloroethyl)ether	7.49	93	135152	36.748	ng		99
12) 1,3-Dichlorobenzene	7.95	146	147938	37.979	ng		96
13) 1,4-Dichlorobenzene	8.11	146	149888	38.635	ng		98
14) 1,2-Dichlorobenzene	8.42	146	143142	38.582	ng		99
15) Benzyl Alcohol	8.31	79	123448	36.234	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	253954	35.979	ng		98
17) 2-Methylphenol	8.51	107	125213	39.407	ng		98
18) Hexachloroethane	9.15	117	55330	37.493	ng		98
19) n-Nitroso-di-n-propylamine	8.87	70	104655	34.504	ng		96
20) 3+4-Methylphenols	8.83	107	169043	39.271	ng		99
22) Acetophenone	8.90	105	207503	42.414	ng	#	99
24) Nitrobenzene	9.29	77	156138	40.865	ng		99
25) Isophorone	9.80	82	298337	39.296	ng		97
26) 2-Nitrophenol	10.00	139	74017	40.883	ng		98
27) 2,4-Dimethylphenol	10.04	122	140882	48.988	ng		99
28) bis(2-Chloroethoxy)methane	10.28	93	183827	40.927	ng		99
29) 2,4-Dichlorophenol	10.53	162	136226	43.641	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	144268	42.091	ng		98
31) Naphthalene	10.94	128	421277	41.906	ng		99
32) Benzoic acid	10.18	122	59420	34.198	ng		94
33) 4-Chloroaniline	11.05	127	97180	22.663	ng		96
34) Hexachlorobutadiene	11.20	225	90218	41.157	ng		95
35) Caprolactam	11.83	113	50659m	40.895	ng		
36) 4-Chloro-3-methylphenol	12.16	107	152721	42.558	ng		99
37) 2-Methylnaphthalene	12.54	142	315150	42.388	ng		98
38) 1-Methylnaphthalene	12.75	142	294374	40.831	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	156854	40.843	ng		99

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Quant Time: Mar 29 07:12:41 2019
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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	12.86	237	212534	100.791	ng		94
43) 2,4,6-Trichlorophenol	13.14	196	108603	43.862	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	120581	44.679	ng		94
46) 1,1'-Biphenyl	13.53	154	396233	41.503	ng		98
47) 2-Chloronaphthalene	13.58	162	305694	41.743	ng		99
48) 2-Nitroaniline	13.79	65	102683	41.569	ng		94
49) Acenaphthylene	14.43	152	517026	41.640	ng		99
50) Dimethylphthalate	14.15	163	409502	43.303	ng		99
51) 2,6-Dinitrotoluene	14.28	165	93549	44.057	ng		99
52) Acenaphthene	14.76	154	300806	42.279	ng		96
53) 3-Nitroaniline	14.62	138	63923	28.440	ng		94
54) 2,4-Dinitrophenol	14.82	184	109239	96.736	ng		96
55) Dibenzofuran	15.10	168	492528	43.081	ng		100
56) 4-Nitrophenol	14.92	139	165366	91.159	ng		98
57) 2,4-Dinitrotoluene	15.07	165	134076	45.443	ng		99
58) Fluorene	15.74	166	388834	43.259	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	109300	44.630	ng	#	98
60) Diethylphthalate	15.50	149	434936	44.946	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	208115	43.316	ng		98
62) 4-Nitroaniline	15.78	138	105381	43.689	ng		96
63) Azobenzene	16.03	77	393764	43.139	ng		98
65) 4,6-Dinitro-2-methylphenol	15.83	198	73823	42.146	ng		97
66) n-Nitrosodiphenylamine	15.95	169	366785	40.203	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	136732	38.971	ng		96
68) Hexachlorobenzene	16.74	284	142403	40.367	ng		96
69) Atrazine	16.89	200	143444	42.266	ng		99
70) Pentachlorophenol	17.09	266	168798	82.765	ng		95
71) Phenanthrene	17.49	178	688406	42.008	ng		99
72) Anthracene	17.58	178	705500	43.012	ng		98
73) Carbazole	17.85	167	672839	43.345	ng		99
74) Di-n-butylphthalate	18.39	149	812198	44.141	ng		99
75) Fluoranthene	19.50	202	889002	45.814	ng		99
77) Benzidine	19.68	184	364902	30.876	ng		97
78) Pyrene	19.86	202	890649	41.383	ng		98
80) Butylbenzylphthalate	20.73	149	378550	41.103	ng		97
81) Benzo(a)anthracene	21.71	228	817281	40.542	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	188229	24.546	ng		96
83) Chrysene	21.77	228	789521	40.752	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	523380	39.755	ng		100
85) Di-n-octyl phthalate	22.81	149	902699	40.245	ng		99
86) Indeno(1,2,3-cd)pyrene	28.81	276	972983	41.062	ng		99
88) Benzo(b)fluoranthene	23.97	252	854210	41.567	ng		98
89) Benzo(k)fluoranthene	24.04	252	824821	43.646	ng		100
90) Benzo(a)pyrene	24.87	252	838421	43.484	ng		99
91) Dibenzo(a,h)anthracene	28.88	278	784612	43.815	ng		97
92) Benzo(g,h,i)perylene	30.02	276	811673	44.104	ng		99

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

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