Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040042.D
Acq On : 20 Mar 2019 19:03
Operator : JU/SJ
Sample : PB118078BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB118078BS

Manual Integrations APPROVED
Sohil
3/25/2019 4:17:07 PM

Quant Time: Mar 21 10:44:08 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	8.14	152	35707	20.00	ng		-0.03
21) Naphthalene-d8	10.97	136	161441	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	108686	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	276069	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	269992	20.00	ng		-0.03
87) Perylene-d12	25.15	264	251480	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	314180	150.11	ng		-0.02
7) Phenol-d6	7.29	99	441593	141.50	ng		-0.02
23) Nitrobenzene-d5	9.32	82	247609	82.95	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	178198	140.67	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	593646	77.77	ng		-0.02
79) Terphenyl-d14	20.11	244	1000276	81.57	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	29125	30.141	ng		99
3) Pyridine	3.98	79	80888	31.268	ng		95
4) n-Nitrosodimethylamine	3.90	42	46232	37.672	ng	#	87
6) Aniline	7.47	93	128719	31.482	ng		100
8) 2-Chlorophenol	7.71	128	111391	43.868	ng		97
9) Benzaldehyde	7.28	77	44460	22.085	ng		97
10) Phenol	7.32	94	150302	44.457	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	107669	40.847	ng		99
12) 1,3-Dichlorobenzene	8.03	146	114577	39.897	ng		98
13) 1,4-Dichlorobenzene	8.18	146	117192	40.063	ng		97
14) 1,2-Dichlorobenzene	8.49	146	113708	40.233	ng		98
15) Benzyl Alcohol	8.38	79	103755	41.911	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.66	45	212724	40.350	ng		100
17) 2-Methylphenol	8.58	107	97825	45.379	ng		97
18) Hexachloroethane	9.23	117	41548	39.585	ng		93
19) n-Nitroso-di-n-propylamine	8.95	70	87454	38.933	ng	#	95
20) 3+4-Methylphenols	8.90	107	135192	45.142	ng		98
22) Acetophenone	8.97	105	168806	38.958	ng	#	94
24) Nitrobenzene	9.36	77	133450	42.616	ng		94
25) Isophorone	9.87	82	251406	40.196	ng		99
26) 2-Nitrophenol	10.07	139	66048	43.684	ng	#	96
27) 2,4-Dimethylphenol	10.11	122	115045	48.925	ng		96
28) bis(2-Chloroethoxy)methane	10.36	93	153679	40.432	ng		98
29) 2,4-Dichlorophenol	10.60	162	122520	46.278	ng		95
30) 1,2,4-Trichlorobenzene	10.82	180	124097	41.655	ng		99
31) Naphthalene	11.01	128	352970	41.295	ng		100
32) Benzoic acid	10.25	122	54599	35.767	ng		88
33) 4-Chloroaniline	11.12	127	82219	22.684	ng		98
34) Hexachlorobutadiene	11.27	225	82678	40.613	ng		99
35) Caprolactam	11.91	113	42833m	42.353	ng		
36) 4-Chloro-3-methylphenol	12.23	107	129575	42.695	ng		95
37) 2-Methylnaphthalene	12.61	142	267974	41.934	ng		97
38) 1-Methylnaphthalene	12.82	142	256775	41.347	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	149638	40.640	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	183764	93.130	ng		99
43) 2,4,6-Trichlorophenol	13.20	196	99865	46.327	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	105703	43.503	ng		98
46) 1,1'-Biphenyl	13.60	154	364451	40.770	ng		97
47) 2-Chloronaphthalene	13.65	162	280749	41.747	ng		99
48) 2-Nitroaniline	13.86	65	93912	43.454	ng		93
49) Acenaphthylene	14.50	152	454518	41.171	ng		99
50) Dimethylphthalate	14.21	163	381487	41.976	ng		99
51) 2,6-Dinitrotoluene	14.35	165	85253	44.249	ng		95
52) Acenaphthene	14.83	154	276646	41.635	ng		99
53) 3-Nitroaniline	14.68	138	55729	28.775	ng	#	91
54) 2,4-Dinitrophenol	14.89	184	127092	102.985	ng		96
55) Dibenzofuran	15.17	168	458025	42.014	ng		99
56) 4-Nitrophenol	14.98	139	142297	82.133	ng		91
57) 2,4-Dinitrotoluene	15.13	165	122630	45.298	ng		87
58) Fluorene	15.81	166	356214	41.565	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.39	232	109766	46.256	ng		98
60) Diethylphthalate	15.57	149	389142	43.254	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	190477	41.650	ng		97
62) 4-Nitroaniline	15.85	138	90087	42.907	ng		99
63) Azobenzene	16.09	77	350072	42.926	ng		96
65) 4,6-Dinitro-2-methylphenol	15.89	198	73703	45.153	ng		97
66) n-Nitrosodiphenylamine	16.02	169	336680	42.126	ng		97
67) 4-Bromophenyl-phenylether	16.69	248	125484	40.608	ng		97
68) Hexachlorobenzene	16.81	284	130115	40.621	ng		96
69) Atrazine	16.96	200	126644	40.262	ng		96
70) Pentachlorophenol	17.16	266	160741	79.459	ng		97
71) Phenanthrene	17.56	178	620792	40.825	ng		99
72) Anthracene	17.65	178	626483	42.278	ng		99
73) Carbazole	17.92	167	554357	41.497	ng		98
74) Di-n-butylphthalate	18.44	149	673719	42.864	ng		100
75) Fluoranthene	19.56	202	744663	41.437	ng		97
77) Benzidine	19.74	184	275459	32.151	ng		100
78) Pyrene	19.92	202	737443	42.033	ng		99
80) Butylbenzylphthalate	20.78	149	299683	44.090	ng		97
81) Benzo(a)anthracene	21.78	228	690943	40.833	ng		98
82) 3,3'-Dichlorobenzidine	21.69	252	171283	27.725	ng		99
83) Chrysene	21.85	228	663803	40.464	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	417642	43.725	ng		98
85) Di-n-octyl phthalate	22.89	149	716435	45.300	ng		95
86) Indeno(1,2,3-cd)pyrene	29.02	276	785903	42.230	ng	#	95
88) Benzo(b)fluoranthene	24.08	252	697271	46.496	ng		99
89) Benzo(k)fluoranthene	24.15	252	652855	46.769	ng		99
90) Benzo(a)pyrene	25.00	252	661037	47.703	ng		97
91) Dibenzo(a,h)anthracene	29.09	278	632749	46.576	ng		98
92) Benzo(g,h,i)perylene	30.24	276	646829	47.408	ng		99

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

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