Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040040.D
Acq On : 20 Mar 2019 17:43
Operator : JU/SJ
Sample : PB118042BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB118042BS

Manual Integrations APPROVED
Sohil
3/25/2019 4:17:05 PM

Quant Time: Mar 21 10:42:22 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	39191	20.00	ng		-0.03
21) Naphthalene-d8	10.97	136	169608	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	113529	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	284153	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	279951	20.00	ng		-0.02
87) Perylene-d12	25.16	264	258637	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	336392	146.43	ng		-0.02
7) Phenol-d6	7.29	99	464763	135.69	ng		-0.02
23) Nitrobenzene-d5	9.32	82	260837	83.17	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	187585	141.76	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	626392	78.56	ng		-0.02
79) Terphenyl-d14	20.11	244	1025478	80.65	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	30534	28.790	ng		93
3) Pyridine	3.97	79	83440	29.387	ng		96
4) n-Nitrosodimethylamine	3.90	42	50210	37.276	ng	#	85
6) Aniline	7.47	93	137735	30.692	ng		98
8) 2-Chlorophenol	7.71	128	117890	42.300	ng		96
9) Benzaldehyde	7.28	77	46233	20.924	ng		97
10) Phenol	7.32	94	159338	42.940	ng		100
11) bis(2-Chloroethyl)ether	7.56	93	115753	40.010	ng		95
12) 1,3-Dichlorobenzene	8.03	146	122418	38.838	ng		97
13) 1,4-Dichlorobenzene	8.18	146	123806	38.562	ng		100
14) 1,2-Dichlorobenzene	8.50	146	119240	38.439	ng		97
15) Benzyl Alcohol	8.38	79	111027	40.862	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	224117	38.732	ng		98
17) 2-Methylphenol	8.58	107	101959	43.092	ng		98
18) Hexachloroethane	9.23	117	43538	37.793	ng		97
19) n-Nitroso-di-n-propylamine	8.94	70	93104	37.763	ng		95
20) 3+4-Methylphenols	8.90	107	141909	43.172	ng		97
22) Acetophenone	8.97	105	177592	39.012	ng	#	95
24) Nitrobenzene	9.36	77	143274	43.550	ng		98
25) Isophorone	9.87	82	263827	40.151	ng		98
26) 2-Nitrophenol	10.07	139	69731	43.899	ng		95
27) 2,4-Dimethylphenol	10.11	122	122631	49.640	ng		96
28) bis(2-Chloroethoxy)methane	10.35	93	160858	40.283	ng		98
29) 2,4-Dichlorophenol	10.61	162	128571	46.225	ng		92
30) 1,2,4-Trichlorobenzene	10.82	180	130239	41.612	ng		98
31) Naphthalene	11.01	128	370287	41.235	ng		99
32) Benzoic acid	10.25	122	59955	37.086	ng		100
33) 4-Chloroaniline	11.12	127	80277	21.082	ng		97
34) Hexachlorobutadiene	11.27	225	87173	40.759	ng		93
35) Caprolactam	11.91	113	44653m	42.027	ng		
36) 4-Chloro-3-methylphenol	12.23	107	137503	43.126	ng		97
37) 2-Methylnaphthalene	12.61	142	280624	41.799	ng		97
38) 1-Methylnaphthalene	12.83	142	269939	41.373	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	154291	40.117	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	191976	93.141	ng		99
43) 2,4,6-Trichlorophenol	13.20	196	107007	47.523	ng		97
44) 2,4,5-Trichlorophenol	13.28	196	112329	44.258	ng		98
46) 1,1'-Biphenyl	13.60	154	382258	40.937	ng		99
47) 2-Chloronaphthalene	13.66	162	294559	41.932	ng		97
48) 2-Nitroaniline	13.86	65	100484	44.511	ng		97
49) Acenaphthylene	14.50	152	475388	41.225	ng		99
50) Dimethylphthalate	14.22	163	398890	42.019	ng		98
51) 2,6-Dinitrotoluene	14.35	165	90940	45.187	ng		98
52) Acenaphthene	14.84	154	287856	41.474	ng		97
53) 3-Nitroaniline	14.68	138	57755	28.549	ng	#	98
54) 2,4-Dinitrophenol	14.89	184	136430	105.690	ng		99
55) Dibenzofuran	15.17	168	475181	41.729	ng		99
56) 4-Nitrophenol	14.98	139	147944	81.750	ng		91
57) 2,4-Dinitrotoluene	15.14	165	131026	46.335	ng	#	83
58) Fluorene	15.81	166	376766	42.087	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	111961	45.169	ng		99
60) Diethylphthalate	15.57	149	405402	43.139	ng		100
61) 4-Chlorophenyl-phenylether	15.80	204	200979	42.072	ng		96
62) 4-Nitroaniline	15.85	138	93861	42.797	ng		96
63) Azobenzene	16.09	77	364944	42.840	ng		97
65) 4,6-Dinitro-2-methylphenol	15.89	198	78425	46.679	ng		94
66) n-Nitrosodiphenylamine	16.02	169	352568	42.859	ng		98
67) 4-Bromophenyl-phenylether	16.69	248	133549	41.988	ng		96
68) Hexachlorobenzene	16.81	284	136864	41.513	ng		95
69) Atrazine	16.96	200	129940	40.135	ng		98
70) Pentachlorophenol	17.16	266	171387	82.311	ng		96
71) Phenanthrene	17.56	178	644282	41.164	ng		99
72) Anthracene	17.65	178	652603	42.788	ng		99
73) Carbazole	17.92	167	567501	41.273	ng		99
74) Di-n-butylphthalate	18.45	149	695220	42.974	ng		99
75) Fluoranthene	19.56	202	758092	40.984	ng		98
77) Benzidine	19.74	184	291704	32.836	ng		100
78) Pyrene	19.92	202	757034	41.615	ng		99
80) Butylbenzylphthalate	20.79	149	312081	44.281	ng		92
81) Benzo(a)anthracene	21.78	228	707053	40.299	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	176414	27.540	ng		100
83) Chrysene	21.85	228	678782	39.906	ng		98
84) Bis(2-ethylhexyl)phthalate	21.65	149	432662	43.686	ng		99
85) Di-n-octyl phthalate	22.90	149	734469	44.789	ng		95
86) Indeno(1,2,3-cd)pyrene	29.02	276	806700	41.805	ng	#	96
88) Benzo(b)fluoranthene	24.08	252	702745	45.565	ng		99
89) Benzo(k)fluoranthene	24.15	252	679486	47.329	ng		99
90) Benzo(a)pyrene	25.00	252	688553	48.314	ng		99
91) Dibenzo(a,h)anthracene	29.08	278	653516	46.774	ng		99
92) Benzo(g,h,i)perylene	30.25	276	668295	47.626	ng		98

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

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