Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040037.D
Acq On : 20 Mar 2019 15:43
Operator : JU/SJ
Sample : PB118051BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB118051BS

Manual Integrations APPROVED
Sohil
3/25/2019 4:17:00 PM

Quant Time: Mar 21 10:39:05 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	44122	20.00	ng		-0.03
21) Naphthalene-d8	10.97	136	194518	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	133677	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	318789	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	306179	20.00	ng		-0.02
87) Perylene-d12	25.16	264	296392	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	389091	150.44	ng		-0.02
7) Phenol-d6	7.29	99	554541	143.80	ng		-0.02
23) Nitrobenzene-d5	9.32	82	336138	93.46	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	224288	143.95	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	808032	86.07	ng		-0.02
79) Terphenyl-d14	20.11	244	1257249	90.41	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	30988	25.953	ng		96
3) Pyridine	3.97	79	93106	29.127	ng		92
4) n-Nitrosodimethylamine	3.90	42	55518	36.611	ng	#	93
6) Aniline	7.47	93	141013	27.911	ng		99
8) 2-Chlorophenol	7.70	128	131424	41.886	ng		95
9) Benzaldehyde	7.28	77	63815	25.654	ng		96
10) Phenol	7.32	94	180765	43.270	ng		99
11) bis(2-Chloroethyl)ether	7.56	93	128551	39.467	ng		94
12) 1,3-Dichlorobenzene	8.03	146	135956	38.313	ng		99
13) 1,4-Dichlorobenzene	8.18	146	139519	38.599	ng		98
14) 1,2-Dichlorobenzene	8.50	146	134327	38.463	ng		97
15) Benzyl Alcohol	8.38	79	125619	41.065	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.66	45	246369	37.820	ng		99
17) 2-Methylphenol	8.58	107	117327	44.045	ng		98
18) Hexachloroethane	9.23	117	49977	38.534	ng		97
19) n-Nitroso-di-n-propylamine	8.94	70	105373	37.963	ng		93
20) 3+4-Methylphenols	8.91	107	160847	43.465	ng		97
22) Acetophenone	8.97	105	201324	38.562	ng	#	93
24) Nitrobenzene	9.37	77	157473	41.736	ng		97
25) Isophorone	9.88	82	305472	40.535	ng		99
26) 2-Nitrophenol	10.07	139	79486	43.632	ng		98
27) 2,4-Dimethylphenol	10.12	122	134071	47.321	ng		94
28) bis(2-Chloroethoxy)methane	10.35	93	185291	40.460	ng		97
29) 2,4-Dichlorophenol	10.61	162	149580	46.891	ng		94
30) 1,2,4-Trichlorobenzene	10.82	180	150359	41.888	ng		98
31) Naphthalene	11.02	128	417667	40.555	ng		100
32) Benzoic acid	10.26	122	67869	36.690	ng		98
33) 4-Chloroaniline	11.13	127	58727	13.447	ng		99
34) Hexachlorobutadiene	11.28	225	97854	39.894	ng		94
35) Caprolactam	11.92	113	52022m	42.692	ng		
36) 4-Chloro-3-methylphenol	12.23	107	161198	44.083	ng		99
37) 2-Methylnaphthalene	12.61	142	324914	42.198	ng		97
38) 1-Methylnaphthalene	12.83	142	307324	41.071	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	179743	39.690	ng		99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	246103	101.406	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	122683	46.273	ng		97
44) 2,4,5-Trichlorophenol	13.28	196	131036	43.847	ng		98
46) 1,1'-Biphenyl	13.60	154	436666	39.716	ng		99
47) 2-Chloronaphthalene	13.66	162	339965	41.102	ng		98
48) 2-Nitroaniline	13.86	65	114329	43.011	ng		98
49) Acenaphthylene	14.50	152	546604	40.256	ng		99
50) Dimethylphthalate	14.22	163	460300	41.179	ng		100
51) 2,6-Dinitrotoluene	14.35	165	102467	43.241	ng		98
52) Acenaphthene	14.84	154	331253	40.533	ng		99
53) 3-Nitroaniline	14.68	138	49354	20.719	ng	#	97
54) 2,4-Dinitrophenol	14.89	184	133161	88.509	ng		99
55) Dibenzofuran	15.17	168	536822	40.037	ng		98
56) 4-Nitrophenol	14.98	139	175163	82.202	ng		92
57) 2,4-Dinitrotoluene	15.14	165	149438	44.881	ng	#	87
58) Fluorene	15.82	166	434437	41.215	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	131828	45.168	ng		98
60) Diethylphthalate	15.57	149	472416	42.693	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	231023	41.072	ng		97
62) 4-Nitroaniline	15.85	138	106755	41.340	ng		93
63) Azobenzene	16.09	77	418490	41.722	ng		97
65) 4,6-Dinitro-2-methylphenol	15.89	198	95875	50.865	ng		97
66) n-Nitrosodiphenylamine	16.02	169	399439	43.281	ng		99
67) 4-Bromophenyl-phenylether	16.69	248	153897	43.129	ng		98
68) Hexachlorobenzene	16.81	284	159182	43.036	ng		93
69) Atrazine	16.96	200	150040	41.308	ng		95
70) Pentachlorophenol	17.16	266	210986	90.320	ng		98
71) Phenanthrene	17.56	178	728261	41.474	ng		99
72) Anthracene	17.65	178	735006	42.954	ng		99
73) Carbazole	17.92	167	643592	41.721	ng		99
74) Di-n-butylphthalate	18.45	149	797332	43.931	ng		100
75) Fluoranthene	19.56	202	867353	41.796	ng		98
77) Benzidine	19.74	184	272074	28.003	ng		99
78) Pyrene	19.92	202	866133	43.534	ng		99
80) Butylbenzylphthalate	20.79	149	359043	46.580	ng		94
81) Benzo(a)anthracene	21.78	228	830543	43.282	ng		100
82) 3,3'-Dichlorobenzidine	21.69	252	161905	23.110	ng		99
83) Chrysene	21.85	228	775360	41.679	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	501653	46.313	ng		99
85) Di-n-octyl phthalate	22.89	149	843907	47.054	ng		95
86) Indeno(1,2,3-cd)pyrene	29.02	276	925073	43.833	ng	#	92
88) Benzo(b)fluoranthene	24.09	252	789071	44.645	ng		99
89) Benzo(k)fluoranthene	24.16	252	782193	47.543	ng		99
90) Benzo(a)pyrene	25.00	252	782714	47.925	ng		98
91) Dibenzo(a,h)anthracene	29.09	278	744691	46.510	ng		96
92) Benzo(g,h,i)perylene	30.25	276	769297	47.840	ng		98

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

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