Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040117.D
Acq On : 25 Mar 2019 14:52
Operator : JU/SJ
Sample : PB118232BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB118232BS

Manual Integrations APPROVED
Sohil
3/26/2019 6:22:31 PM

Quant Time: Mar 26 03:40:36 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	37581	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	162582	20.00	ng		-0.03
39) Acenaphthene-d10	14.77	164	114326	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	289032	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	290914	20.00	ng		-0.03
87) Perylene-d12	25.16	264	300596	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	249806	113.40	ng		-0.02
7) Phenol-d6	7.29	99	357475	108.83	ng		-0.02
23) Nitrobenzene-d5	9.32	82	207597	69.06	ng		-0.03
42) 2,4,6-Tribromophenol	16.25	330	147726	110.86	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	527658	65.72	ng		-0.02
79) Terphenyl-d14	20.11	244	893348	67.61	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	28104	27.634	ng		92
3) Pyridine	3.98	79	72936	26.788	ng		94
4) n-Nitrosodimethylamine	3.90	42	39178	30.332	ng		88
6) Aniline	7.47	93	59852	13.908	ng		98
8) 2-Chlorophenol	7.70	128	90811	33.980	ng		96
9) Benzaldehyde	7.28	77	20651	9.747	ng		93
10) Phenol	7.32	94	122002	34.287	ng		97
11) bis(2-Chloroethyl)ether	7.55	93	85756	30.911	ng		99
12) 1,3-Dichlorobenzene	8.02	146	94218	31.172	ng		95
13) 1,4-Dichlorobenzene	8.18	146	96444	31.326	ng		97
14) 1,2-Dichlorobenzene	8.49	146	91633	30.805	ng		98
15) Benzyl Alcohol	8.38	79	83173	31.922	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	157244	28.339	ng		96
17) 2-Methylphenol	8.58	107	79757	35.152	ng		97
18) Hexachloroethane	9.22	117	33858	30.650	ng		95
19) n-Nitroso-di-n-propylamine	8.94	70	67843	28.696	ng		92
20) 3+4-Methylphenols	8.90	107	110007	34.901	ng		97
22) Acetophenone	8.97	105	133465	30.586	ng	#	90
24) Nitrobenzene	9.36	77	102627	32.543	ng		96
25) Isophorone	9.87	82	195449	31.030	ng		98
26) 2-Nitrophenol	10.07	139	51527	33.841	ng		97
27) 2,4-Dimethylphenol	10.11	122	94833	40.046	ng		99
28) bis(2-Chloroethoxy)methane	10.36	93	121115	31.641	ng		100
29) 2,4-Dichlorophenol	10.60	162	99968	37.494	ng		95
30) 1,2,4-Trichlorobenzene	10.82	180	98771	32.922	ng		99
31) Naphthalene	11.01	128	279760	32.500	ng		99
32) Benzoic acid	10.24	122	48778m	32.474	ng		
33) 4-Chloroaniline	11.12	127	44953	12.315	ng		94
34) Hexachlorobutadiene	11.27	225	64675	31.546	ng		95
35) Caprolactam	11.90	113	34370m	33.746	ng		
36) 4-Chloro-3-methylphenol	12.23	107	107544	35.187	ng		95
37) 2-Methylnaphthalene	12.61	142	213100	33.113	ng		99
38) 1-Methylnaphthalene	12.82	142	206529m	33.023	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	121346	31.331	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	159694	76.939	ng		98
43) 2,4,6-Trichlorophenol	13.20	196	84012	37.050	ng		99
44) 2,4,5-Trichlorophenol	13.27	196	89875	35.164	ng		98
46) 1,1'-Biphenyl	13.60	154	291867	31.039	ng		98
47) 2-Chloronaphthalene	13.65	162	229730	32.476	ng		98
48) 2-Nitroaniline	13.86	65	76717	33.746	ng		90
49) Acenaphthylene	14.50	152	375492	32.335	ng		99
50) Dimethylphthalate	14.21	163	312864	32.727	ng		99
51) 2,6-Dinitrotoluene	14.35	165	69586	34.336	ng		90
52) Acenaphthene	14.83	154	223575	31.988	ng		98
53) 3-Nitroaniline	14.68	138	30665	15.052	ng	#	93
54) 2,4-Dinitrophenol	14.88	184	72410	58.190	ng		98
55) Dibenzofuran	15.17	168	378149	32.976	ng		99
56) 4-Nitrophenol	14.98	139	117797	64.638	ng		91
57) 2,4-Dinitrotoluene	15.13	165	103257	36.260	ng		85
58) Fluorene	15.81	166	301993	33.500	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	94290	37.774	ng		96
60) Diethylphthalate	15.57	149	322992	34.130	ng		99
61) 4-Chlorophenyl-phenylether	15.79	204	159487	33.154	ng		95
62) 4-Nitroaniline	15.84	138	73743	33.390	ng		93
63) Azobenzene	16.09	77	284775	33.196	ng		95
65) 4,6-Dinitro-2-methylphenol	15.89	198	58223	34.069	ng		94
66) n-Nitrosodiphenylamine	16.01	169	280866	33.566	ng		98
67) 4-Bromophenyl-phenylether	16.69	248	106134	32.806	ng		94
68) Hexachlorobenzene	16.81	284	112717	33.611	ng		94
69) Atrazine	16.95	200	112962	34.302	ng		94
70) Pentachlorophenol	17.15	266	131830	62.245	ng		99
71) Phenanthrene	17.56	178	526125	33.048	ng		100
72) Anthracene	17.65	178	534105	34.427	ng		100
73) Carbazole	17.92	167	467667	33.438	ng		98
74) Di-n-butylphthalate	18.44	149	572137	34.768	ng		99
75) Fluoranthene	19.55	202	638537	33.938	ng		98
77) Benzidine	19.74	184	136426	14.778	ng		99
78) Pyrene	19.92	202	634071	33.542	ng		98
80) Butylbenzylphthalate	20.78	149	256450	35.016	ng		94
81) Benzo(a)anthracene	21.78	228	597325	32.762	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	109149	16.397	ng		98
83) Chrysene	21.85	228	575208	32.542	ng		98
84) Bis(2-ethylhexyl)phthalate	21.64	149	354816	34.476	ng		99
85) Di-n-octyl phthalate	22.89	149	607646	35.658	ng	#	94
86) Indeno(1,2,3-cd)pyrene	29.02	276	668908	33.358	ng		97
88) Benzo(b)fluoranthene	24.08	252	592443	33.051	ng		98
89) Benzo(k)fluoranthene	24.15	252	585280	35.077	ng		99
90) Benzo(a)pyrene	24.99	252	577425	34.861	ng		99
91) Dibenzo(a,h)anthracene	29.08	278	546872	33.678	ng		99
92) Benzo(g,h,i)perylene	30.24	276	559412	34.301	ng		96

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

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