Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040347.D
Acq On : 4 Apr 2019 5:55
Operator : JU/SJ
Sample : PB118527BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118527BSD

Manual Integrations APPROVED
Sohil
4/4/2019 5:40:15 PM

Quant Time: Apr 04 08:11:43 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	8.05	152	79881	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	315421	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	194563	20.00	ng		-0.02
64) Phenanthrene-d10	17.42	188	481843	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	517274	20.00	ng		-0.03
87) Perylene-d12	24.97	264	510083	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	371445	77.30	ng		-0.02
7) Phenol-d6	7.21	99	519648	78.25	ng		-0.02
23) Nitrobenzene-d5	9.23	82	484724	81.68	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	195159	92.81	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	1056619	80.47	ng		-0.02
79) Terphenyl-d14	20.03	244	1767778	76.88	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	88641	39.231	ng		96
3) Pyridine	3.90	79	238386	39.186	ng		99
4) n-Nitrosodimethylamine	3.82	42	109698	38.983	ng	#	89
6) Aniline	7.38	93	337549	39.124	ng		97
8) 2-Chlorophenol	7.61	128	219247	38.978	ng		97
9) Benzaldehyde	7.19	77	140178	30.773	ng		95
10) Phenol	7.23	94	286477	39.744	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	226809	39.287	ng		98
12) 1,3-Dichlorobenzene	7.93	146	241574	39.508	ng		98
13) 1,4-Dichlorobenzene	8.08	146	244423	40.135	ng		97
14) 1,2-Dichlorobenzene	8.40	146	228192	39.182	ng		98
15) Benzyl Alcohol	8.29	79	204069	38.157	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	407527	36.781	ng		98
17) 2-Methylphenol	8.49	107	192547	38.604	ng		97
18) Hexachloroethane	9.12	117	90527	39.079	ng		95
19) n-Nitroso-di-n-propylamine	8.85	70	172850	36.303	ng		99
20) 3+4-Methylphenols	8.82	107	262658	38.872	ng		97
22) Acetophenone	8.88	105	339037	43.090	ng	#	99
24) Nitrobenzene	9.27	77	256884	41.804	ng		100
25) Isophorone	9.78	82	495294	40.565	ng		99
26) 2-Nitrophenol	9.97	139	126865	43.570	ng		97
27) 2,4-Dimethylphenol	10.02	122	196086	42.396	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	293832	40.676	ng		99
29) 2,4-Dichlorophenol	10.51	162	218862	43.596	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	241574	43.824	ng		98
31) Naphthalene	10.91	128	690386	42.702	ng		100
32) Benzoic acid	10.17	122	108442	38.806	ng		97
33) 4-Chloroaniline	11.03	127	307433	44.579	ng		96
34) Hexachlorobutadiene	11.17	225	147517	41.843	ng		93
35) Caprolactam	11.82	113	82473m	41.397	ng		
36) 4-Chloro-3-methylphenol	12.14	107	248665	43.086	ng		99
37) 2-Methylnaphthalene	12.51	142	515389	43.102	ng		99
38) 1-Methylnaphthalene	12.73	142	486840	41.987	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	261813	42.338	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	290935	85.685	ng		97
43) 2,4,6-Trichlorophenol	13.12	196	179640	45.057	ng		96
44) 2,4,5-Trichlorophenol	13.19	196	190074	43.739	ng		98
46) 1,1'-Biphenyl	13.51	154	637703	41.482	ng		99
47) 2-Chloronaphthalene	13.56	162	498965	42.314	ng		99
48) 2-Nitroaniline	13.78	65	170927	42.973	ng		98
49) Acenaphthylene	14.40	152	809908	40.509	ng		99
50) Dimethylphthalate	14.13	163	641736	42.144	ng		99
51) 2,6-Dinitrotoluene	14.26	165	147700	43.199	ng		98
52) Acenaphthene	14.74	154	474425	41.411	ng		99
53) 3-Nitroaniline	14.60	138	165329	45.681	ng		94
54) 2,4-Dinitrophenol	14.80	184	174362	95.891	ng		93
55) Dibenzofuran	15.08	168	783091	42.539	ng		99
56) 4-Nitrophenol	14.90	139	257885	88.287	ng		98
57) 2,4-Dinitrotoluene	15.05	165	210466	44.301	ng		97
58) Fluorene	15.73	166	615601	42.533	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	180503	45.772	ng		97
60) Diethylphthalate	15.48	149	662136	42.494	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	331770	42.884	ng		98
62) 4-Nitroaniline	15.77	138	175764	45.253	ng		99
63) Azobenzene	16.01	77	615379	41.869	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	129939	48.000	ng		96
66) n-Nitrosodiphenylamine	15.93	169	573764	40.692	ng		97
67) 4-Bromophenyl-phenylether	16.61	248	220216	40.612	ng		98
68) Hexachlorobenzene	16.72	284	224258	41.133	ng		96
69) Atrazine	16.87	200	80772	15.399	ng		94
70) Pentachlorophenol	17.07	266	253143	80.311	ng		96
71) Phenanthrene	17.47	178	1046099	41.304	ng		99
72) Anthracene	17.56	178	1052996	41.539	ng		98
73) Carbazole	17.84	167	1017077	42.395	ng		99
74) Di-n-butylphthalate	18.36	149	1190621	41.868	ng		100
75) Fluoranthene	19.47	202	1300925	43.379	ng		98
77) Benzidine	19.66	184	970825	51.973	ng		98
78) Pyrene	19.84	202	1315290	38.666	ng		98
80) Butylbenzylphthalate	20.70	149	606138	41.641	ng		98
81) Benzo(a)anthracene	21.68	228	1312164	41.184	ng		96
82) 3,3'-Dichlorobenzidine	21.60	252	528505	43.605	ng		99
83) Chrysene	21.75	228	1235477	40.348	ng		97
84) Bis(2-ethylhexyl)phthalate	21.55	149	854862	41.084	ng		98
85) Di-n-octyl phthalate	22.77	149	1482078	41.806	ng		99
86) Indeno(1,2,3-cd)pyrene	28.74	276	1596796	42.637	ng	#	94
88) Benzo(b)fluoranthene	23.93	252	1376867	44.089	ng		98
89) Benzo(k)fluoranthene	24.00	252	1326455	46.188	ng		98
90) Benzo(a)pyrene	24.83	252	1360243	46.423	ng		99
91) Dibenzo(a,h)anthracene	28.81	278	1295311	47.598	ng		99
92) Benzo(g,h,i)perylene	29.93	276	1326860	47.443	ng		100

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

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