Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
Data File : BG037753.D
Acq On : 2 Nov 2018 13:25
Operator : JU/SJ
Sample : PB114391BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114391BS

Manual Integrations APPROVED
Sohil
11/2/2018 2:47:41 PM

Quant Time: Nov 02 14:35:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	69386	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	304486	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	202010	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	447311	20.00	ng		0.00
76) Chrysene-d12	21.77	240	406245	20.00	ng		0.00
87) Perylene-d12	25.10	264	416900	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	565700	136.31	ng		0.00
7) Phenol-d6	7.25	99	808046	128.76	ng		0.00
23) Nitrobenzene-d5	9.28	82	476196	87.61	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	294639	133.73	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	1144297	85.42	ng		-0.01
79) Terphenyl-d14	20.08	244	1555326	81.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	58574	27.830	ng		97
3) Pyridine	3.92	79	184043	34.694	ng		96
4) n-Nitrosodimethylamine	3.85	42	83017	43.936	ng		90
6) Aniline	7.43	93	119243	15.575	ng		94
8) 2-Chlorophenol	7.66	128	233464	48.086	ng		98
9) Benzaldehyde	7.24	77	162268	41.335	ng		94
10) Phenol	7.27	94	312139	47.140	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	209039	41.566	ng		95
12) 1,3-Dichlorobenzene	7.98	146	230742	42.689	ng		99
13) 1,4-Dichlorobenzene	8.14	146	238367	43.113	ng		99
14) 1,2-Dichlorobenzene	8.45	146	230935	43.421	ng		98
15) Benzyl Alcohol	8.34	79	206409	44.513	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	377823	41.988	ng		96
17) 2-Methylphenol	8.53	107	213165	48.695	ng		99
18) Hexachloroethane	9.18	117	84921	45.053	ng		96
19) n-Nitroso-di-n-propylamine	8.91	70	177550	41.085	ng		95
20) 3+4-Methylphenols	8.87	107	295082	47.147	ng		98
22) Acetophenone	8.93	105	339040	44.398	ng	#	97
24) Nitrobenzene	9.32	77	262516	46.491	ng		94
25) Isophorone	9.84	82	504168	50.765	ng		96
26) 2-Nitrophenol	10.03	139	131601	51.735	ng		98
27) 2,4-Dimethylphenol	10.07	122	251300	55.331	ng		96
28) bis(2-Chloroethoxy)methane	10.32	93	307144	47.203	ng		97
29) 2,4-Dichlorophenol	10.56	162	255728	50.570	ng		98
30) 1,2,4-Trichlorobenzene	10.78	180	253568	46.110	ng		98
31) Naphthalene	10.97	128	743138	49.690	ng		100
32) Benzoic acid	10.21	122	143617	48.685	ng		97
33) 4-Chloroaniline	11.09	127	47589	6.772	ng	#	91
34) Hexachlorobutadiene	11.23	225	150982	46.324	ng		97
35) Caprolactam	11.87	113	92546m	45.631	ng		
36) 4-Chloro-3-methylphenol	12.19	107	274578	48.147	ng		97
37) 2-Methylnaphthalene	12.57	142	566055	51.922	ng		98
38) 1-Methylnaphthalene	12.78	142	541029	51.101	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	300857	46.173	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	379796	122.023	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	213662	49.082	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	233133	49.188	ng		99
46) 1,1'-Biphenyl	13.57	154	733190	43.825	ng		99
47) 2-Chloronaphthalene	13.62	162	582282	46.005	ng		99
48) 2-Nitroaniline	13.82	65	185055	48.214	ng		94
49) Acenaphthylene	14.46	152	945723	49.672	ng		99
50) Dimethylphthalate	14.18	163	725188	46.404	ng		99
51) 2,6-Dinitrotoluene	14.31	165	168007	48.596	ng		92
52) Acenaphthene	14.80	154	553947	47.242	ng		98
53) 3-Nitroaniline	14.65	138	65672	17.111	ng	#	92
54) 2,4-Dinitrophenol	14.85	184	121467	79.491	ng		94
55) Dibenzofuran	15.13	168	875299	45.055	ng		99
56) 4-Nitrophenol	14.95	139	351179	123.617	ng		98
57) 2,4-Dinitrotoluene	15.10	165	234336	51.637	ng		96
58) Fluorene	15.78	166	705650	48.504	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	197457	48.658	ng		100
60) Diethylphthalate	15.54	149	738740	46.043	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	377389	44.505	ng		98
62) 4-Nitroaniline	15.81	138	174766	45.826	ng		90
63) Azobenzene	16.06	77	694864	45.392	ng		97
65) 4,6-Dinitro-2-methylphenol	15.86	198	113104	48.152	ng		96
66) n-Nitrosodiphenylamine	15.99	169	646900	48.078	ng		100
67) 4-Bromophenyl-phenylether	16.66	248	235267	47.894	ng		99
68) Hexachlorobenzene	16.77	284	238376	46.822	ng		99
69) Atrazine	16.93	200	236922	48.702	ng		99
70) Pentachlorophenol	17.12	266	273601	80.231	ng		96
71) Phenanthrene	17.53	178	1117206	49.143	ng		98
72) Anthracene	17.61	178	1138405	51.027	ng		96
73) Carbazole	17.89	167	1040392	46.620	ng		99
74) Di-n-butylphthalate	18.42	149	1194338	48.110	ng		99
75) Fluoranthene	19.53	202	1284378	49.812	ng		97
77) Benzidine	19.71	184	313545	22.699	ng		99
78) Pyrene	19.89	202	1280168	48.205	ng		98
80) Butylbenzylphthalate	20.76	149	558193	51.358	ng		96
81) Benzo(a)anthracene	21.75	228	1222070	50.858	ng		97
82) 3,3'-Dichlorobenzidine	21.66	252	176573	18.958	ng		99
83) Chrysene	21.82	228	1137451	49.228	ng		98
84) Bis(2-ethylhexyl)phthalate	21.62	149	787316	51.679	ng		99
85) Di-n-octyl phthalate	22.87	149	1312659	52.839	ng		98
86) Indeno(1,2,3-cd)pyrene	28.92	276	1118341	45.127	ng		97
88) Benzo(b)fluoranthene	24.04	252	1190176	52.073	ng		99
89) Benzo(k)fluoranthene	24.11	252	1171914	52.335	ng		97
90) Benzo(a)pyrene	24.95	252	1162740	53.537	ng		98
91) Dibenzo(a,h)anthracene	29.00	278	916709	45.758	ng	#	95
92) Benzo(g,h,i)perylene	30.13	276	913619	45.077	ng		100

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

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