Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
Data File : BG044326.D
Acq On : 6 Feb 2020 17:14
Operator : CG/JU
Sample : L1408-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMSD

Manual Integrations APPROVED
mohammad
2/10/2020 8:17:00 AM

Quant Time: Feb 06 22:17:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	90843	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	393916	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	263560	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	545390	20.00	ng	0.00
76) Chrysene-d12	21.54	240	463067	20.00	ng	0.00
87) Perylene-d12	24.64	264	536690	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	740654	143.89	ng	0.00
7) Phenol-d6	7.09	99	993585	143.74	ng	0.00
23) Nitrobenzene-d5	9.07	82	594079	85.14	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	400189	129.34	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1340971	85.20	ng	0.00
79) Terphenyl-d14	19.91	244	1799239	79.92	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	98196	42.460	ng	99
3) Pyridine	3.77	79	249328	40.465	ng	97
4) n-Nitrosodimethylamine	3.69	42	122732	47.668	ng	97
6) Aniline	7.24	93	274772	32.026	ng	99
8) 2-Chlorophenol	7.48	128	331196	58.545	ng	98
9) Benzaldehyde	7.05	77	146074	37.106	ng	99
10) Phenol	7.11	94	409086	59.801	ng	98
11) bis(2-Chloroethyl)ether	7.33	93	292551	50.023	ng	97
12) 1,3-Dichlorobenzene	7.81	146	327764	48.526	ng	98
13) 1,4-Dichlorobenzene	7.95	146	331438	49.544	ng	98
14) 1,2-Dichlorobenzene	8.27	146	312042	49.349	ng	99
15) Benzyl Alcohol	8.15	79	274100	56.012	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	379919	47.996	ng	99
17) 2-Methylphenol	8.36	107	280487	57.468	ng	99
18) Hexachloroethane	9.00	117	121555	48.421	ng	99
19) n-Nitroso-di-n-propylamine	8.72	70	235294	51.077	ng	98
20) 3+4-Methylphenols	8.69	107	386593	57.474	ng	98
22) Acetophenone	8.73	105	435976	45.496	ng	99
24) Nitrobenzene	9.11	77	329242	48.335	ng	100
25) Isophorone	9.64	82	648729	49.883	ng	99
26) 2-Nitrophenol	9.82	139	190502	53.898	ng	99
27) 2,4-Dimethylphenol	9.89	122	319919	64.121	ng	100
28) bis(2-Chloroethoxy)methane	10.12	93	413088	47.615	ng	99
29) 2,4-Dichlorophenol	10.37	162	336514	55.780	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	327492	47.342	ng	99
31) Naphthalene	10.76	128	942078	49.293	ng	99
32) Benzoic acid	10.06	122	169422	50.504	ng	91
33) 4-Chloroaniline	10.87	127	129087	14.851	ng	97
34) Hexachlorobutadiene	11.06	225	191895	45.082	ng	99
35) Caprolactam	11.65	113	121395m	54.931	ng	
36) 4-Chloro-3-methylphenol	12.01	107	343713	54.340	ng	99
37) 2-Methylnaphthalene	12.37	142	716644	50.504	ng	99
38) 1-Methylnaphthalene	12.59	142	682143	50.990	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	355930	45.146	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	431308	114.014	ng	98
43) 2,4,6-Trichlorophenol	12.99	196	267376	52.468	ng	97
44) 2,4,5-Trichlorophenol	13.06	196	280564	53.902	ng	97
46) 1,1'-Biphenyl	13.39	154	900492	47.367	ng	100
47) 2-Chloronaphthalene	13.42	162	705783	46.654	ng	99
48) 2-Nitroaniline	13.62	65	204068	45.709	ng	97
49) Acenaphthylene	14.27	152	1109712	50.013	ng	99
50) Dimethylphthalate	14.01	163	998307	52.694	ng	99
51) 2,6-Dinitrotoluene	14.12	165	211054	49.963	ng	98
52) Acenaphthene	14.62	154	698780	48.587	ng	97
53) 3-Nitroaniline	14.45	138	118386	25.332	ng	96
54) 2,4-Dinitrophenol	14.66	184	242440	95.252	ng	97
55) Dibenzofuran	14.95	168	1048498	48.152	ng	100
56) 4-Nitrophenol	14.77	139	368899	107.761	ng	96
57) 2,4-Dinitrotoluene	14.91	165	287906	48.628	ng	95
58) Fluorene	15.60	166	831897	48.505	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	244314	51.965	ng	99
60) Diethylphthalate	15.37	149	892801	47.294	ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	441114	47.436	ng	98
62) 4-Nitroaniline	15.62	138	201878	43.230	ng	98
63) Azobenzene	15.88	77	790646	47.788	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	177979	59.119	ng	99
66) n-Nitrosodiphenylamine	15.81	169	781349	51.121	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	289090	48.652	ng	98
68) Hexachlorobenzene	16.61	284	315270	47.359	ng	97
69) Atrazine	16.76	200	289945	55.347	ng	100
70) Pentachlorophenol	16.95	266	356426	104.863	ng	96
71) Phenanthrene	17.34	178	1408439	53.330	ng	97
72) Anthracene	17.43	178	1373212	52.593	ng	98
73) Carbazole	17.69	167	1183366	49.162	ng	98
74) Di-n-butylphthalate	18.26	149	1431801	48.135	ng	99
75) Fluoranthene	19.35	202	1777909	58.195	ng	96
77) Benzidine	19.53	184	341774	26.609	ng	98
78) Pyrene	19.71	202	1792971	60.292	ng	96
80) Butylbenzylphthalate	20.60	149	663575	48.965	ng	100
81) Benzo(a)anthracene	21.52	228	1626268	56.984	ng	96
82) 3,3'-Dichlorobenzidine	21.44	252	326954	29.518	ng	99
83) Chrysene	21.59	228	1526574	55.339	ng	97
84) Bis(2-ethylhexyl)phthalate	21.44	149	942744	50.540	ng	99
85) Di-n-octyl phthalate	22.61	149	1640970	50.844	ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1902411	52.860	ng	99
88) Benzo(b)fluoranthene	23.66	252	1705078	55.134	ng	99
89) Benzo(k)fluoranthene	23.73	252	1575473	52.269	ng	98
90) Benzo(a)pyrene	24.50	252	1588336	54.320	ng	97
91) Dibenzo(a,h)anthracene	28.21	278	1491030	51.525	ng	98
92) Benzo(g,h,i)perylene	29.25	276	1611213	55.619	ng	98

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

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