Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
Data File : BG044593.D
Acq On : 26 Feb 2020 1:52
Operator : CG/JU
Sample : L1603-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203MSD

Manual Integrations APPROVED
mohammad
2/27/2020 5:03:14 PM

Quant Time: Feb 26 10:03:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	61224	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	245695	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	163337	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	379668	20.00	ng	0.00
76) Chrysene-d12	21.50	240	381005	20.00	ng	0.00
87) Perylene-d12	24.57	264	405880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	509392	133.49	ng	0.00
7) Phenol-d6	7.05	99	618577	118.43	ng	0.00
23) Nitrobenzene-d5	9.03	82	434456	91.10	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	321777	138.94	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	987961	86.62	ng	0.00
79) Terphenyl-d14	19.88	244	1752420	87.07	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	66978	40.224	ng	# 39
3) Pyridine	3.74	79	154478	33.248	ng	98
4) n-Nitrosodimethylamine	3.64	42	84746	48.024	ng	95
6) Aniline	7.20	93	59035	9.283	ng	96
8) 2-Chlorophenol	7.44	128	210746	50.594	ng	97
9) Benzaldehyde	7.01	77	45025	14.660	ng	97
10) Phenol	7.08	94	219717	43.408	ng	98
11) bis(2-Chloroethyl)ether	7.29	93	195202	45.874	ng	95
12) 1,3-Dichlorobenzene	7.76	146	224732	45.235	ng	98
13) 1,4-Dichlorobenzene	7.91	146	226102	45.284	ng	99
14) 1,2-Dichlorobenzene	8.23	146	212664	44.788	ng	97
15) Benzyl Alcohol	8.11	79	171414	48.661	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	253172	44.271	ng	99
17) 2-Methylphenol	8.33	107	171856	47.527	ng	97
18) Hexachloroethane	8.95	117	80902	44.337	ng	95
19) n-Nitroso-di-n-propylamine	8.68	70	153207	45.633	ng	98
20) 3+4-Methylphenols	8.65	107	232910	47.047	ng	99
22) Acetophenone	8.70	105	292210	47.371	ng	99
24) Nitrobenzene	9.07	77	217476	47.069	ng	100
25) Isophorone	9.60	82	423628	47.483	ng	99
26) 2-Nitrophenol	9.79	139	120003	47.891	ng	98
27) 2,4-Dimethylphenol	9.85	122	191868	54.535	ng	99
28) bis(2-Chloroethoxy)methane	10.08	93	265659	45.028	ng	98
29) 2,4-Dichlorophenol	10.33	162	207702	49.379	ng	98
30) 1,2,4-Trichlorobenzene	10.54	180	215036	44.204	ng	99
31) Naphthalene	10.72	128	623394	46.499	ng	99
32) Benzoic acid	10.02	122	67044	49.849	ng	98
33) 4-Chloroaniline	10.85	127	11742	1.989	ng	# 94
34) Hexachlorobutadiene	11.02	225	131722	43.117	ng	98
35) Caprolactam	11.61	113	59966m	39.823	ng	
36) 4-Chloro-3-methylphenol	11.97	107	220427	50.910	ng	97
37) 2-Methylnaphthalene	12.34	142	463002	46.729	ng	98
38) 1-Methylnaphthalene	12.56	142	440990	46.840	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	236719	43.049	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	245453	92.187	ng	99
43) 2,4,6-Trichlorophenol	12.95	196	169445	47.459	ng	100
44) 2,4,5-Trichlorophenol	13.03	196	185068	50.459	ng	98
46) 1,1'-Biphenyl	13.35	154	595440	44.052	ng	98
47) 2-Chloronaphthalene	13.39	162	462552	43.640	ng	99
48) 2-Nitroaniline	13.59	65	134779	45.808	ng	98
49) Acenaphthylene	14.24	152	738693	47.213	ng	100
50) Dimethylphthalate	13.98	163	616837	46.789	ng	99
51) 2,6-Dinitrotoluene	14.09	165	141196	48.562	ng	97
52) Acenaphthene	14.58	154	459041	46.026	ng	99
53) 3-Nitroaniline	14.42	138	20400	6.506	ng	98
54) 2,4-Dinitrophenol	14.63	184	161008	91.428	ng	97
55) Dibenzofuran	14.92	168	721241	47.171	ng	98
56) 4-Nitrophenol	14.75	139	232501	107.790	ng	97
57) 2,4-Dinitrotoluene	14.88	165	196976	48.187	ng	99
58) Fluorene	15.56	166	580715	47.901	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.15	232	164724	48.771	ng	96
60) Diethylphthalate	15.34	149	621661	47.591	ng	100
61) 4-Chlorophenyl-phenylether	15.56	204	304391	46.178	ng	99
62) 4-Nitroaniline	15.59	138	122428	38.992	ng	99
63) Azobenzene	15.85	77	540156	48.589	ng	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	121893	51.850	ng	98
66) n-Nitrosodiphenylamine	15.78	169	543495	45.892	ng	100
67) 4-Bromophenyl-phenylether	16.45	248	207596	44.050	ng	98
68) Hexachlorobenzene	16.57	284	227604	42.716	ng	98
69) Atrazine	16.73	200	200565	45.810	ng	99
70) Pentachlorophenol	16.92	266	259098	97.613	ng	98
71) Phenanthrene	17.30	178	967253	46.016	ng	99
72) Anthracene	17.39	178	978987	47.261	ng	98
73) Carbazole	17.66	167	905167	48.006	ng	99
74) Di-n-butylphthalate	18.23	149	1112793	47.098	ng	98
75) Fluoranthene	19.31	202	1185303	47.635	ng	99
77) Benzidine	19.51	184	99959	7.659	ng	99
78) Pyrene	19.68	202	1201542	43.444	ng	98
80) Butylbenzylphthalate	20.57	149	529837	43.796	ng	98
81) Benzo(a)anthracene	21.49	228	1170330	43.704	ng	99
82) 3,3'-Dichlorobenzidine	21.40	252	201316	19.030	ng	99
83) Chrysene	21.55	228	1130260	43.655	ng	98
84) Bis(2-ethylhexyl)phthalate	21.40	149	743298	44.590	ng	98
85) Di-n-octyl phthalate	22.56	149	1300699	44.350	ng	99
86) Indeno(1,2,3-cd)pyrene	28.06	276	1457783	43.873	ng	99
88) Benzo(b)fluoranthene	23.60	252	1235623	46.302	ng	99
89) Benzo(k)fluoranthene	23.67	252	1248442	48.216	ng	100
90) Benzo(a)pyrene	24.43	252	1146574	45.730	ng	99
91) Dibenzo(a,h)anthracene	28.11	278	1205395	48.611	ng	98
92) Benzo(g,h,i)perylene	29.13	276	1218791	49.058	ng	99

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

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