Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044801.D
Acq On : 14 Mar 2020 19:02
Operator : CG/JU
Sample : PB127536BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Manual Integrations APPROVED
mohammad
3/18/2020 8:43:41 AM

Quant Time: Mar 16 04:01:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	101246	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	411611	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	276836	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	595694	20.00	ng		0.00
76) Chrysene-d12	21.70	240	499599	20.00	ng		0.00
87) Perylene-d12	24.92	264	576800	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	944324	145.19	ng		0.00
7) Phenol-d6	7.21	99	1297205	137.27	ng		0.00
23) Nitrobenzene-d5	9.21	82	876066	93.40	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	529059	145.96	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1784339	92.30	ng		0.00
79) Terphenyl-d14	20.04	244	2546339	95.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	112625	35.960	ng		97
3) Pyridine	3.91	79	292576	31.555	ng		100
4) n-Nitrosodimethylamine	3.82	42	156074	44.366	ng		96
6) Aniline	7.37	93	465363	39.577	ng		94
8) 2-Chlorophenol	7.61	128	359629	55.391	ng		98
9) Benzaldehyde	7.18	77	288880	56.190	ng		94
10) Phenol	7.24	94	484440	51.781	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	347264	46.510	ng		97
12) 1,3-Dichlorobenzene	7.94	146	372213	46.539	ng		95
13) 1,4-Dichlorobenzene	8.08	146	377421	47.733	ng		98
14) 1,2-Dichlorobenzene	8.41	146	357454	47.667	ng		96
15) Benzyl Alcohol	8.28	79	380088	50.131	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	538778	40.890	ng		99
17) 2-Methylphenol	8.49	107	330584	52.165	ng		92
18) Hexachloroethane	9.14	117	144961	46.567	ng		98
19) n-Nitroso-di-n-propylamine	8.86	70	300786	45.078	ng	#	97
20) 3+4-Methylphenols	8.82	107	457793	52.404	ng		98
22) Acetophenone	8.87	105	542263	46.503	ng	#	99
24) Nitrobenzene	9.25	77	466141	47.893	ng		99
25) Isophorone	9.78	82	844544	46.132	ng		99
26) 2-Nitrophenol	9.96	139	196269	56.927	ng		94
27) 2,4-Dimethylphenol	10.03	122	338960	56.855	ng		94
28) bis(2-Chloroethoxy)methane	10.26	93	484158	44.315	ng		96
29) 2,4-Dichlorophenol	10.51	162	365903	52.546	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	401083	48.171	ng		99
31) Naphthalene	10.91	128	1091998	47.892	ng		98
32) Benzoic acid	10.17	122	244452	51.700	ng		94
33) 4-Chloroaniline	11.01	127	291151	28.342	ng		99
34) Hexachlorobutadiene	11.21	225	255533	46.668	ng		97
35) Caprolactam	11.79	113	129050m	48.948	ng		
36) 4-Chloro-3-methylphenol	12.13	107	420941	50.685	ng		96
37) 2-Methylnaphthalene	12.51	142	830525	48.693	ng		98
38) 1-Methylnaphthalene	12.74	142	782672	48.810	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	453483	49.740	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	264174	53.020	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	321644	53.160	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	334546	53.316	ng		96
46) 1,1'-Biphenyl	13.53	154	1024045	46.289	ng		97
47) 2-Chloronaphthalene	13.57	162	790015	46.747	ng		100
48) 2-Nitroaniline	13.75	65	296551	50.123	ng		99
49) Acenaphthylene	14.41	152	1297568	49.009	ng		99
50) Dimethylphthalate	14.14	163	999466	45.330	ng		100
51) 2,6-Dinitrotoluene	14.25	165	235820	53.061	ng		96
52) Acenaphthene	14.75	154	841302	48.520	ng		98
53) 3-Nitroaniline	14.58	138	193954	37.958	ng		99
54) 2,4-Dinitrophenol	14.78	184	121767	55.300	ng	#	70
55) Dibenzofuran	15.08	168	1218143	48.446	ng		99
56) 4-Nitrophenol	14.89	139	395923	101.529	ng		98
57) 2,4-Dinitrotoluene	15.04	165	322624	52.930	ng		92
58) Fluorene	15.73	166	991354	47.929	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	312411	54.078	ng		93
60) Diethylphthalate	15.51	149	1036863	45.088	ng		100
61) 4-Chlorophenyl-phenylether	15.73	204	539990	48.484	ng		97
62) 4-Nitroaniline	15.74	138	222454	40.829	ng		98
63) Azobenzene	16.02	77	1090159	45.650	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	101147	38.001	ng		97
66) n-Nitrosodiphenylamine	15.94	169	888798	49.558	ng		99
67) 4-Bromophenyl-phenylether	16.62	248	368113	49.431	ng		95
68) Hexachlorobenzene	16.74	284	401873	49.742	ng		99
69) Atrazine	16.89	200	342157	52.073	ng		99
70) Pentachlorophenol	17.09	266	486258	109.387	ng		96
71) Phenanthrene	17.47	178	1536266	48.260	ng		98
72) Anthracene	17.57	178	1564922	49.856	ng		99
73) Carbazole	17.83	167	1451255	48.132	ng		99
74) Di-n-butylphthalate	18.40	149	1706246	46.552	ng		99
75) Fluoranthene	19.48	202	1827472	48.215	ng		99
77) Benzidine	19.65	184	1369523	84.440	ng		98
78) Pyrene	19.84	202	1809952	49.379	ng		98
80) Butylbenzylphthalate	20.73	149	781403	47.919	ng		98
81) Benzo(a)anthracene	21.68	228	1768091	49.148	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	630978	45.337	ng		99
83) Chrysene	21.75	228	1660177	48.311	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	1078978	47.944	ng	#	98
85) Di-n-octyl phthalate	22.83	149	1849708	49.116	ng		99
86) Indeno(1,2,3-cd)pyrene	28.58	276	2070761	45.964	ng	#	93
88) Benzo(b)fluoranthene	23.91	252	1849283	48.564	ng		99
89) Benzo(k)fluoranthene	23.97	252	1780033	49.396	ng		98
90) Benzo(a)pyrene	24.77	252	1704376	47.834	ng		99
91) Dibenzo(a,h)anthracene	28.65	278	1708609	48.607	ng		97
92) Benzo(g,h,i)perylene	29.72	276	1552531	43.715	ng		99

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

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