Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044765.D
Acq On : 13 Mar 2020 13:39
Operator : CG/JU
Sample : PB127481BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Manual Integrations APPROVED
mohammad
3/16/2020 1:51:35 PM

Quant Time: Mar 13 15:38:11 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	8.06	152	112107	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	495850	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	339824	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	783390	20.00	ng		0.00
76) Chrysene-d12	21.71	240	669477	20.00	ng		0.00
87) Perylene-d12	24.92	264	648375	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	936781	130.08	ng		0.00
7) Phenol-d6	7.22	99	1320950	126.24	ng		0.00
23) Nitrobenzene-d5	9.22	82	753384	66.67	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	529775	119.06	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1539748	64.89	ng		0.00
79) Terphenyl-d14	20.05	244	2289635	63.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	120505	34.748	ng	#	93
3) Pyridine	3.91	79	309421	30.139	ng		100
4) n-Nitrosodimethylamine	3.83	42	160411	41.181	ng	#	99
6) Aniline	7.38	93	441444	33.905	ng		96
8) 2-Chlorophenol	7.63	128	351626	48.911	ng		96
9) Benzaldehyde	7.19	77	137109	17.956	ng		97
10) Phenol	7.24	94	502900	48.547	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	349412	42.264	ng		97
12) 1,3-Dichlorobenzene	7.95	146	348185	39.317	ng		97
13) 1,4-Dichlorobenzene	8.09	146	349332	39.900	ng		98
14) 1,2-Dichlorobenzene	8.41	146	340408	40.996	ng		94
15) Benzyl Alcohol	8.29	79	388032	46.220	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	577906	39.610	ng		98
17) 2-Methylphenol	8.50	107	334930	47.731	ng		94
18) Hexachloroethane	9.15	117	136256	39.530	ng		96
19) n-Nitroso-di-n-propylamine	8.87	70	308146	41.707	ng	#	98
20) 3+4-Methylphenols	8.83	107	456626	47.206	ng		99
22) Acetophenone	8.88	105	530663	37.777	ng		99
24) Nitrobenzene	9.26	77	465986	39.744	ng		98
25) Isophorone	9.79	82	869607	39.431	ng		99
26) 2-Nitrophenol	9.97	139	190350	46.906	ng	#	92
27) 2,4-Dimethylphenol	10.04	122	343851	47.877	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	491707	37.360	ng		98
29) 2,4-Dichlorophenol	10.51	162	361168	43.055	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	388632	38.746	ng		94
31) Naphthalene	10.92	128	1071719	39.017	ng		100
32) Benzoic acid	10.17	122	238483	43.708	ng		99
33) 4-Chloroaniline	11.02	127	269166	21.751	ng		97
34) Hexachlorobutadiene	11.22	225	245779	37.261	ng		99
35) Caprolactam	11.79	113	138818m	43.708	ng		
36) 4-Chloro-3-methylphenol	12.14	107	426849	42.665	ng		98
37) 2-Methylnaphthalene	12.52	142	818595	39.840	ng		96
38) 1-Methylnaphthalene	12.74	142	772055	39.968	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	425438	38.015	ng		99

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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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	475765	77.788	ng		99
43) 2,4,6-Trichlorophenol	13.12	196	313034	42.147	ng		96
44) 2,4,5-Trichlorophenol	13.19	196	331558	43.046	ng		99
46) 1,1'-Biphenyl	13.53	154	1016328	37.425	ng		99
47) 2-Chloronaphthalene	13.57	162	778776	37.540	ng		98
48) 2-Nitroaniline	13.76	65	301699	41.541	ng		97
49) Acenaphthylene	14.41	152	1281354	39.426	ng		100
50) Dimethylphthalate	14.15	163	1043653	38.560	ng		100
51) 2,6-Dinitrotoluene	14.25	165	242151	44.386	ng		95
52) Acenaphthene	14.76	154	926745	43.541	ng		99
53) 3-Nitroaniline	14.58	138	191381	30.512	ng		98
54) 2,4-Dinitrophenol	14.79	184	248174	86.320	ng	#	66
55) Dibenzofuran	15.09	168	1221897	39.588	ng		98
56) 4-Nitrophenol	14.89	139	436840	91.258	ng		96
57) 2,4-Dinitrotoluene	15.04	165	332434	44.430	ng		96
58) Fluorene	15.74	166	991577	39.054	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	311471m	43.922	ng		
60) Diethylphthalate	15.51	149	1093590	38.740	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	537558	39.319	ng		95
62) 4-Nitroaniline	15.75	138	248500	37.155	ng		95
63) Azobenzene	16.03	77	1139714	38.879	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	183665	49.528	ng		95
66) n-Nitrosodiphenylamine	15.95	169	907681	38.485	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	374597	38.250	ng		95
68) Hexachlorobenzene	16.75	284	400921	37.734	ng		97
69) Atrazine	16.89	200	381517	44.151	ng		98
70) Pentachlorophenol	17.09	266	504995	86.384	ng		97
71) Phenanthrene	17.48	178	1602135	38.271	ng		99
72) Anthracene	17.57	178	1621880	39.290	ng		99
73) Carbazole	17.83	167	1533134	38.665	ng		99
74) Di-n-butylphthalate	18.41	149	1813353	37.621	ng		99
75) Fluoranthene	19.48	202	1937418	38.869	ng		100
77) Benzidine	19.65	184	560236	25.777	ng		99
78) Pyrene	19.84	202	1944644	39.592	ng		98
80) Butylbenzylphthalate	20.73	149	842101	38.538	ng		97
81) Benzo(a)anthracene	21.69	228	1883603	39.073	ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	632424	33.911	ng		98
83) Chrysene	21.75	228	1780302	38.661	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	1160726	38.489	ng	#	97
85) Di-n-octyl phthalate	22.84	149	2008390	39.797	ng		99
86) Indeno(1,2,3-cd)pyrene	28.58	276	2394610	39.665	ng		98
88) Benzo(b)fluoranthene	23.91	252	2042896	47.727	ng		97
89) Benzo(k)fluoranthene	23.98	252	1920329	47.407	ng		98
90) Benzo(a)pyrene	24.78	252	1853672	46.281	ng		99
91) Dibenzo(a,h)anthracene	28.66	278	1953074	49.428	ng		97
92) Benzo(g,h,i)perylene	29.74	276	1992314	49.905	ng		99

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

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