Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060420\
Data File : BG045605.D
Acq On : 4 Jun 2020 14:54
Operator : CG/JU
Sample : PB129255BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Manual Integrations APPROVED
mohammad
6/5/2020 10:29:59 AM

Quant Time: Jun 04 17:38:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	51603	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	226097	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	175012	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	430534	20.00	ng		0.00
76) Chrysene-d12	21.60	240	378272	20.00	ng		0.00
87) Perylene-d12	24.75	264	412782	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	425528	161.15	ng		0.00
7) Phenol-d6	7.15	99	624111	166.07	ng		0.00
23) Nitrobenzene-d5	9.11	82	399487	96.35	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	328159	146.62	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	977524	94.74	ng		0.00
79) Terphenyl-d14	19.96	244	1672537	103.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	50848	38.833	ng	#	97
3) Pyridine	3.80	79	116991	32.081	ng		94
4) n-Nitrosodimethylamine	3.71	42	57117	47.864	ng		91
6) Aniline	7.28	93	206071	42.004	ng		99
8) 2-Chlorophenol	7.52	128	156257	53.963	ng		99
9) Benzaldehyde	7.08	77	94450	38.574	ng		96
10) Phenol	7.17	94	214891	55.479	ng		99
11) bis(2-Chloroethyl)ether	7.37	93	144588	47.858	ng		98
12) 1,3-Dichlorobenzene	7.84	146	161317	46.359	ng		100
13) 1,4-Dichlorobenzene	7.99	146	162082	47.199	ng		99
14) 1,2-Dichlorobenzene	8.30	146	154977	46.922	ng		96
15) Benzyl Alcohol	8.20	79	171468	55.230	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	136578	47.624	ng		97
17) 2-Methylphenol	8.42	107	150395	51.875	ng		97
18) Hexachloroethane	9.04	117	63389	48.197	ng		95
19) n-Nitroso-di-n-propylamine	8.76	70	138911	53.451	ng		98
20) 3+4-Methylphenols	8.75	107	205084	51.947	ng	#	88
22) Acetophenone	8.77	105	250333	46.715	ng		97
24) Nitrobenzene	9.16	77	205635	46.291	ng		97
25) Isophorone	9.68	82	389528	47.705	ng		96
26) 2-Nitrophenol	9.87	139	94600	49.782	ng		92
27) 2,4-Dimethylphenol	9.94	122	162747	57.744	ng		97
28) bis(2-Chloroethoxy)methane	10.16	93	210897	49.250	ng		94
29) 2,4-Dichlorophenol	10.42	162	176356	52.988	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	183361	46.624	ng		99
31) Naphthalene	10.81	128	500695	47.522	ng		100
32) Benzoic acid	10.12	122	97495	50.264	ng		96
33) 4-Chloroaniline	10.92	127	131786	29.924	ng		97
34) Hexachlorobutadiene	11.10	225	124128	44.651	ng		98
35) Caprolactam	11.69	113	66418m	54.368	ng		
36) 4-Chloro-3-methylphenol	12.07	107	211532	56.403	ng		97
37) 2-Methylnaphthalene	12.42	142	397122	50.570	ng		99
38) 1-Methylnaphthalene	12.64	142	375124m	50.569	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	226183	46.270	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	284451	100.816	ng		98
43) 2,4,6-Trichlorophenol	13.04	196	165452	48.723	ng		99
44) 2,4,5-Trichlorophenol	13.12	196	175176	45.143	ng		99
46) 1,1'-Biphenyl	13.43	154	520665	48.417	ng		100
47) 2-Chloronaphthalene	13.47	162	391136	44.791	ng		99
48) 2-Nitroaniline	13.67	65	133874	46.606	ng		93
49) Acenaphthylene	14.32	152	674744	48.105	ng		98
50) Dimethylphthalate	14.05	163	569464	47.433	ng		100
51) 2,6-Dinitrotoluene	14.17	165	129134	47.667	ng		99
52) Acenaphthene	14.66	154	499783m	53.231	ng		
53) 3-Nitroaniline	14.51	138	86483	31.404	ng		96
54) 2,4-Dinitrophenol	14.71	184	158127	88.483	ng		98
55) Dibenzofuran	14.99	168	659520	47.302	ng		98
56) 4-Nitrophenol	14.85	139	187271	89.819	ng		92
57) 2,4-Dinitrotoluene	14.96	165	185360	47.244	ng		97
58) Fluorene	15.65	166	544986	47.577	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	165466	48.468	ng		98
60) Diethylphthalate	15.42	149	597597	47.823	ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	311016	47.448	ng		98
62) 4-Nitroaniline	15.68	138	131613	45.779	ng		93
63) Azobenzene	15.93	77	560851	48.134	ng		98
65) 4,6-Dinitro-2-methylphenol	15.73	198	122757	48.957	ng		91
66) n-Nitrosodiphenylamine	15.86	169	502775	48.638	ng		95
67) 4-Bromophenyl-phenylether	16.53	248	216862	46.517	ng		96
68) Hexachlorobenzene	16.66	284	232562	47.695	ng		97
69) Atrazine	16.80	200	194829	45.759	ng		98
70) Pentachlorophenol	17.01	266	241108	95.230	ng		97
71) Phenanthrene	17.39	178	896318	47.689	ng		98
72) Anthracene	17.48	178	915472	48.502	ng		98
73) Carbazole	17.75	167	843643	45.854	ng		99
74) Di-n-butylphthalate	18.31	149	1008955	45.690	ng		99
75) Fluoranthene	19.40	202	1094656	45.789	ng		99
77) Benzidine	19.58	184	490712	46.189	ng		98
78) Pyrene	19.76	202	1084046	50.273	ng		99
80) Butylbenzylphthalate	20.65	149	433137	46.537	ng		98
81) Benzo(a)anthracene	21.59	228	1033658	49.053	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	283336	34.278	ng		97
83) Chrysene	21.65	228	976701	48.204	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	608036	47.525	ng		99
85) Di-n-octyl phthalate	22.68	149	1026498	46.714	ng		100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1272880	48.041	ng	#	96
88) Benzo(b)fluoranthene	23.76	252	1074834	48.552	ng		99
89) Benzo(k)fluoranthene	23.82	252	1067236	51.314	ng		99
90) Benzo(a)pyrene	24.61	252	994356	48.228	ng		97
91) Dibenzo(a,h)anthracene	28.39	278	1039810	50.187	ng		99
92) Benzo(g,h,i)perylene	29.45	276	1055186	50.923	ng		97

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

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