Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050620\
Data File : BG045252.D
Acq On : 6 May 2020 14:19
Operator : CG/JU
Sample : PB128670BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128670BS

Manual Integrations APPROVED
Sohil
5/8/2020 5:20:09 PM

Quant Time: May 06 15:02:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 06 12:59:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	59838	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	246320	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	189581	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	461661	20.00	ng		0.00
76) Chrysene-d12	21.64	240	393704	20.00	ng		0.00
87) Perylene-d12	24.81	264	421510	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	426927	117.79	ng		0.00
7) Phenol-d6	7.15	99	613556	113.94	ng		0.00
23) Nitrobenzene-d5	9.14	82	379662	70.33	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	313952	107.20	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	943662	72.99	ng		0.00
79) Terphenyl-d14	19.99	244	1586377	87.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	55920	34.716	ng		99
3) Pyridine	3.83	79	126170	25.440	ng		95
4) n-Nitrosodimethylamine	3.75	42	55704	36.664	ng		92
6) Aniline	7.30	93	181059	25.860	ng		96
8) 2-Chlorophenol	7.55	128	160454	41.191	ng		97
9) Benzaldehyde	7.11	77	126330	42.326	ng		95
10) Phenol	7.18	94	213369	39.595	ng		99
11) bis(2-Chloroethyl)ether	7.39	93	148430	34.596	ng		99
12) 1,3-Dichlorobenzene	7.88	146	172146	37.504	ng		93
13) 1,4-Dichlorobenzene	8.02	146	173007	37.826	ng		98
14) 1,2-Dichlorobenzene	8.34	146	160620	36.707	ng		95
15) Benzyl Alcohol	8.22	79	163451	36.202	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.51	45	142825	33.913	ng		93
17) 2-Methylphenol	8.43	107	147794	35.547	ng		94
18) Hexachloroethane	9.07	117	67085	39.016	ng		95
19) n-Nitroso-di-n-propylamine	8.79	70	133647	35.093	ng		98
20) 3+4-Methylphenols	8.76	107	203695	35.002	ng		96
22) Acetophenone	8.80	105	247140	37.102	ng	#	98
24) Nitrobenzene	9.19	77	199275	36.012	ng		96
25) Isophorone	9.71	82	385028	34.828	ng		100
26) 2-Nitrophenol	9.90	139	92482	38.800	ng		99
27) 2,4-Dimethylphenol	9.97	122	152828	40.409	ng		95
28) bis(2-Chloroethoxy)methane	10.20	93	214141	36.867	ng		100
29) 2,4-Dichlorophenol	10.44	162	171636	39.303	ng		96
30) 1,2,4-Trichlorobenzene	10.65	180	180141	36.433	ng		96
31) Naphthalene	10.84	128	499597	37.076	ng		98
32) Benzoic acid	10.10	122	88684	31.546	ng		93
33) 4-Chloroaniline	10.95	127	108010	17.187	ng		97
34) Hexachlorobutadiene	11.14	225	124017	36.584	ng		98
35) Caprolactam	11.71	113	63667m	36.631	ng		
36) 4-Chloro-3-methylphenol	12.08	107	199774	38.941	ng		99
37) 2-Methylnaphthalene	12.45	142	385097	36.820	ng		98
38) 1-Methylnaphthalene	12.67	142	364508	36.917	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	213713	35.012	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	307865	80.696	ng		99
43) 2,4,6-Trichlorophenol	13.06	196	157290	36.511	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	168006	34.262	ng		99
46) 1,1'-Biphenyl	13.46	154	504532	35.014	ng		98
47) 2-Chloronaphthalene	13.50	162	387715	35.214	ng		97
48) 2-Nitroaniline	13.70	65	126894	35.029	ng		99
49) Acenaphthylene	14.35	152	650616	36.278	ng		100
50) Dimethylphthalate	14.08	163	550397	35.655	ng		98
51) 2,6-Dinitrotoluene	14.19	165	123320	35.717	ng		97
52) Acenaphthene	14.69	154	479519m	39.518	ng		
53) 3-Nitroaniline	14.53	138	68933	18.203	ng	#	96
54) 2,4-Dinitrophenol	14.73	184	142775	69.542	ng		95
55) Dibenzofuran	15.03	168	630038	35.614	ng		97
56) 4-Nitrophenol	14.84	139	207471	70.661	ng		92
57) 2,4-Dinitrotoluene	14.98	165	177842	35.246	ng	#	98
58) Fluorene	15.68	166	525784	36.386	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	163540	37.482	ng		99
60) Diethylphthalate	15.45	149	578974	35.974	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	288926	34.738	ng		100
62) 4-Nitroaniline	15.69	138	121271	30.876	ng		91
63) Azobenzene	15.96	77	547689	36.911	ng		98
65) 4,6-Dinitro-2-methylphenol	15.75	198	114836	37.843	ng		96
66) n-Nitrosodiphenylamine	15.88	169	480740	36.243	ng		98
67) 4-Bromophenyl-phenylether	16.56	248	200425	33.652	ng		96
68) Hexachlorobenzene	16.69	284	218115	35.312	ng		99
69) Atrazine	16.83	200	185069	37.452	ng		98
70) Pentachlorophenol	17.03	266	261285	68.954	ng		99
71) Phenanthrene	17.42	178	867709	36.576	ng		99
72) Anthracene	17.51	178	890440	37.418	ng		99
73) Carbazole	17.77	167	827220	34.254	ng		97
74) Di-n-butylphthalate	18.34	149	993215	36.657	ng		99
75) Fluoranthene	19.43	202	1057903	36.817	ng		98
77) Benzidine	19.60	184	494301	43.095	ng		98
78) Pyrene	19.79	202	1048106	38.615	ng		97
80) Butylbenzylphthalate	20.68	149	409956	36.438	ng		97
81) Benzo(a)anthracene	21.62	228	944516	37.014	ng		99
82) 3,3'-Dichlorobenzidine	21.53	252	209584	20.635	ng		99
83) Chrysene	21.69	228	904103	36.875	ng		96
84) Bis(2-ethylhexyl)phthalate	21.54	149	561895	36.313	ng		98
85) Di-n-octyl phthalate	22.74	149	949666	35.491	ng		99
86) Indeno(1,2,3-cd)pyrene	28.42	276	1144257	35.152	ng	#	97
88) Benzo(b)fluoranthene	23.81	252	950785	36.010	ng		98
89) Benzo(k)fluoranthene	23.88	252	966041	38.473	ng		97
90) Benzo(a)pyrene	24.67	252	899613	36.087	ng		98
91) Dibenzo(a,h)anthracene	28.48	278	949610	37.804	ng		99
92) Benzo(g,h,i)perylene	29.55	276	954183	37.889	ng		96

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

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