Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
Data File : BG045161.D
Acq On : 24 Apr 2020 15:02
Operator : CG/JU
Sample : PB128245BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Manual Integrations APPROVED
mohammad
4/27/2020 3:05:41 PM

Quant Time: Apr 24 18:01:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 24 13:00:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	62610	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	256386	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	183180	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	452690	20.00	ng	0.00
76) Chrysene-d12	21.65	240	433078	20.00	ng	0.00
87) Perylene-d12	24.82	264	470030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	521203	137.43	ng	0.00
7) Phenol-d6	7.17	99	744479	132.13	ng	0.00
23) Nitrobenzene-d5	9.16	82	475001	84.54	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	373540	132.00	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1099903	88.04	ng	0.00
79) Terphenyl-d14	19.99	244	1957527	98.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	65164	38.664	ng	97
3) Pyridine	3.86	79	186694	35.977	ng	95
4) n-Nitrosodimethylamine	3.77	42	75890	47.739	ng	94
6) Aniline	7.32	93	241771	33.002	ng	100
8) 2-Chlorophenol	7.56	128	198080	48.599	ng	96
9) Benzaldehyde	7.13	77	90610	25.037	ng	90
10) Phenol	7.19	94	266870	47.331	ng	95
11) bis(2-Chloroethyl)ether	7.42	93	187022	41.661	ng	97
12) 1,3-Dichlorobenzene	7.89	146	212865	44.321	ng	98
13) 1,4-Dichlorobenzene	8.03	146	214780	44.880	ng	97
14) 1,2-Dichlorobenzene	8.36	146	204917	44.758	ng	97
15) Benzyl Alcohol	8.23	79	202241	42.811	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	167173	37.937	ng	97
17) 2-Methylphenol	8.45	107	181710	41.770	ng	94
18) Hexachloroethane	9.09	117	82144	45.659	ng	96
19) n-Nitroso-di-n-propylamine	8.80	70	165474	41.527	ng	97
20) 3+4-Methylphenols	8.77	107	253073	41.562	ng	99
22) Acetophenone	8.82	105	300644	43.362	ng	99
24) Nitrobenzene	9.20	77	255389	44.341	ng	97
25) Isophorone	9.73	82	464066	40.330	ng	98
26) 2-Nitrophenol	9.91	139	116886	47.114	ng	98
27) 2,4-Dimethylphenol	9.98	122	185005	46.997	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	260844	43.144	ng	99
29) 2,4-Dichlorophenol	10.46	162	214933	47.285	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	225518	43.820	ng	96
31) Naphthalene	10.86	128	613896	43.770	ng	98
32) Benzoic acid	10.12	122	104265	34.807	ng	96
33) 4-Chloroaniline	10.97	127	120195	18.376	ng	97
34) Hexachlorobutadiene	11.15	225	150200	42.568	ng	94
35) Caprolactam	11.73	113	77382m	42.774	ng	
36) 4-Chloro-3-methylphenol	12.09	107	246759	46.212	ng	99
37) 2-Methylnaphthalene	12.46	142	472186	43.374	ng	97
38) 1-Methylnaphthalene	12.69	142	449742m	43.761	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	261415	44.323	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 24 13:00:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	383792	104.113	ng		99
43) 2,4,6-Trichlorophenol	13.07	196	194279	46.673	ng		92
44) 2,4,5-Trichlorophenol	13.15	196	208462	43.997	ng		98
46) 1,1'-Biphenyl	13.47	154	604844	43.442	ng		99
47) 2-Chloronaphthalene	13.52	162	466594	43.859	ng		98
48) 2-Nitroaniline	13.71	65	155921	44.545	ng		98
49) Acenaphthylene	14.36	152	772517	44.580	ng		99
50) Dimethylphthalate	14.09	163	661032	44.319	ng		99
51) 2,6-Dinitrotoluene	14.20	165	152498	45.711	ng		94
52) Acenaphthene	14.70	154	600908m	51.252	ng		
53) 3-Nitroaniline	14.54	138	90258	24.668	ng		95
54) 2,4-Dinitrophenol	14.74	184	204144	102.907	ng		96
55) Dibenzofuran	15.04	168	762979	44.636	ng		97
56) 4-Nitrophenol	14.85	139	250367	88.250	ng		93
57) 2,4-Dinitrotoluene	15.00	165	217793	44.672	ng		97
58) Fluorene	15.69	166	638986	45.765	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	207968	49.330	ng		98
60) Diethylphthalate	15.46	149	681364	43.816	ng		98
61) 4-Chlorophenyl-phenylether	15.68	204	349155	43.446	ng		99
62) 4-Nitroaniline	15.70	138	158837	41.854	ng		94
63) Azobenzene	15.97	77	642044	44.782	ng		97
65) 4,6-Dinitro-2-methylphenol	15.76	198	146031	49.077	ng		100
66) n-Nitrosodiphenylamine	15.89	169	576011	44.286	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	246242	42.164	ng		98
68) Hexachlorobenzene	16.70	284	266992	44.081	ng		97
69) Atrazine	16.84	200	243520	52.084	ng		98
70) Pentachlorophenol	17.04	266	324437	87.316	ng		98
71) Phenanthrene	17.43	178	1044106	44.884	ng		98
72) Anthracene	17.52	178	1080227	46.293	ng		99
73) Carbazole	17.79	167	1019631	43.058	ng		99
74) Di-n-butylphthalate	18.35	149	1206958	47.107	ng		100
75) Fluoranthene	19.44	202	1319376	48.771	ng		99
77) Benzidine	19.61	184	616344	49.767	ng		97
78) Pyrene	19.79	202	1322590	44.298	ng		99
80) Butylbenzylphthalate	20.69	149	538380	43.502	ng		99
81) Benzo(a)anthracene	21.63	228	1244399	44.333	ng		99
82) 3,3'-Dichlorobenzidine	21.55	252	282336	25.271	ng	#	99
83) Chrysene	21.70	228	1202539	44.588	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	742340	43.613	ng		100
85) Di-n-octyl phthalate	22.74	149	1245080	42.301	ng		100
86) Indeno(1,2,3-cd)pyrene	28.43	276	1558763	43.532	ng		100
88) Benzo(b)fluoranthene	23.82	252	1317255	44.740	ng		99
89) Benzo(k)fluoranthene	23.89	252	1295286	46.261	ng		98
90) Benzo(a)pyrene	24.68	252	1233586	44.376	ng		98
91) Dibenzo(a,h)anthracene	28.50	278	1270036	45.341	ng		97
92) Benzo(g,h,i)perylene	29.56	276	1268544	45.172	ng		98

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

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