Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
Data File : BG045556.D
Acq On : 1 Jun 2020 15:15
Operator : CG/JU
Sample : PB129209BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129209BS

Manual Integrations APPROVED
mohammad
6/2/2020 3:22:42 PM

Quant Time: Jun 01 15:52:15 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	62390	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	249576	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	185317	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	451183	20.00	ng		0.00
76) Chrysene-d12	21.60	240	410170	20.00	ng		0.00
87) Perylene-d12	24.75	264	457105	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	485431	152.06	ng		0.00
7) Phenol-d6	7.15	99	683684	150.46	ng		0.00
23) Nitrobenzene-d5	9.11	82	430948	94.16	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	336397	141.94	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	999290	91.47	ng		0.00
79) Terphenyl-d14	19.96	244	1701301	96.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	60867	38.448	ng		95
3) Pyridine	3.80	79	140072	31.769	ng		95
4) n-Nitrosodimethylamine	3.71	42	64377	44.621	ng		91
6) Aniline	7.28	93	252569	42.581	ng		99
8) 2-Chlorophenol	7.53	128	176145	50.314	ng		99
9) Benzaldehyde	7.08	77	115173	38.904	ng		95
10) Phenol	7.18	94	240230	51.298	ng		99
11) bis(2-Chloroethyl)ether	7.37	93	162127	44.385	ng		97
12) 1,3-Dichlorobenzene	7.84	146	187423	44.549	ng		96
13) 1,4-Dichlorobenzene	7.99	146	187195	45.087	ng		97
14) 1,2-Dichlorobenzene	8.30	146	178326	44.657	ng		98
15) Benzyl Alcohol	8.20	79	180639	48.124	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	151593	43.721	ng		98
17) 2-Methylphenol	8.42	107	162906	46.475	ng		98
18) Hexachloroethane	9.03	117	72567	45.635	ng		97
19) n-Nitroso-di-n-propylamine	8.76	70	148587	47.289	ng		97
20) 3+4-Methylphenols	8.75	107	217994	45.671	ng	#	91
22) Acetophenone	8.77	105	270806	45.781	ng	#	98
24) Nitrobenzene	9.15	77	224319	45.747	ng		97
25) Isophorone	9.68	82	411081	45.608	ng		98
26) 2-Nitrophenol	9.87	139	102198	48.721	ng	#	88
27) 2,4-Dimethylphenol	9.95	122	166801	53.614	ng		94
28) bis(2-Chloroethoxy)methane	10.16	93	225866	47.783	ng		97
29) 2,4-Dichlorophenol	10.43	162	181467	49.394	ng		98
30) 1,2,4-Trichlorobenzene	10.63	180	199859	46.038	ng		99
31) Naphthalene	10.81	128	542255	46.625	ng		99
32) Benzoic acid	10.13	122	107344	50.161	ng		94
33) 4-Chloroaniline	10.92	127	181682	37.372	ng		96
34) Hexachlorobutadiene	11.10	225	138698	45.198	ng		97
35) Caprolactam	11.68	113	67295m	49.904	ng		
36) 4-Chloro-3-methylphenol	12.07	107	210369	50.816	ng		96
37) 2-Methylnaphthalene	12.42	142	421444	48.619	ng		98
38) 1-Methylnaphthalene	12.64	142	398221	48.633	ng		93
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	236510	45.692	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	269241	90.119	ng		98
43) 2,4,6-Trichlorophenol	13.04	196	165871	46.130	ng		97
44) 2,4,5-Trichlorophenol	13.12	196	179889	43.780	ng		96
46) 1,1'-Biphenyl	13.43	154	545280	47.887	ng		100
47) 2-Chloronaphthalene	13.47	162	417438	45.145	ng		99
48) 2-Nitroaniline	13.67	65	135585	44.577	ng		90
49) Acenaphthylene	14.32	152	695873	46.853	ng		99
50) Dimethylphthalate	14.05	163	577211	45.405	ng		100
51) 2,6-Dinitrotoluene	14.17	165	132663	46.247	ng		97
52) Acenaphthene	14.66	154	503619m	50.656	ng		
53) 3-Nitroaniline	14.50	138	108720	37.283	ng		96
54) 2,4-Dinitrophenol	14.71	184	147528	78.611	ng		98
55) Dibenzofuran	15.00	168	678208	45.937	ng		95
56) 4-Nitrophenol	14.85	139	200980	91.034	ng		93
57) 2,4-Dinitrotoluene	14.96	165	192758	46.397	ng		99
58) Fluorene	15.65	166	564475	46.538	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	171148	47.344	ng		97
60) Diethylphthalate	15.42	149	599777	45.329	ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	315339	45.433	ng		97
62) 4-Nitroaniline	15.67	138	134778	44.273	ng		94
63) Azobenzene	15.93	77	578066	46.853	ng		99
65) 4,6-Dinitro-2-methylphenol	15.73	198	119017	45.294	ng		93
66) n-Nitrosodiphenylamine	15.85	169	505694	46.681	ng		96
67) 4-Bromophenyl-phenylether	16.53	248	217345	44.487	ng		97
68) Hexachlorobenzene	16.66	284	237243	46.428	ng		98
69) Atrazine	16.80	200	193037	43.263	ng		98
70) Pentachlorophenol	17.00	266	248678	93.725	ng		98
71) Phenanthrene	17.39	178	923861	46.904	ng		99
72) Anthracene	17.48	178	952220	48.141	ng		98
73) Carbazole	17.75	167	867173	44.976	ng		99
74) Di-n-butylphthalate	18.31	149	1030092	44.512	ng		99
75) Fluoranthene	19.40	202	1140704	45.532	ng		99
77) Benzidine	19.58	184	700695	60.825	ng		98
78) Pyrene	19.76	202	1116234	47.740	ng		99
80) Butylbenzylphthalate	20.65	149	456708	45.254	ng		99
81) Benzo(a)anthracene	21.59	228	1095950	47.964	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	365551	40.785	ng		98
83) Chrysene	21.65	228	1045253	47.575	ng		98
84) Bis(2-ethylhexyl)phthalate	21.50	149	647841	46.698	ng		100
85) Di-n-octyl phthalate	22.69	149	1107832	46.495	ng		100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1368741	47.641	ng	#	96
88) Benzo(b)fluoranthene	23.75	252	1164971	47.521	ng		99
89) Benzo(k)fluoranthene	23.82	252	1122056	48.718	ng		99
90) Benzo(a)pyrene	24.61	252	1078674	47.245	ng		98
91) Dibenzo(a,h)anthracene	28.38	278	1111071	48.426	ng		99
92) Benzo(g,h,i)perylene	29.45	276	1126934	49.112	ng		99

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

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