Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062320\
Data File : BG045833.D
Acq On : 23 Jun 2020 10:07
Operator : CG/JU
Sample : PB129662BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129662BS

Manual Integrations APPROVED
mohammad
6/24/2020 11:00:05 AM

Quant Time: Jun 23 11:08:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	47838	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	185872	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	131093	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	313901	20.00	ng		0.00
76) Chrysene-d12	21.58	240	300027	20.00	ng		0.00
86) Perylene-d12	24.70	264	330931	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	404197	142.73	ng		0.00
7) Phenol-d6	7.14	99	565872	131.37	ng		-0.02
23) Nitrobenzene-d5	9.08	82	364757	89.65	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	264211	133.50	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	805234	90.27	ng		0.00
79) Terphenyl-d14	19.93	244	1400508	94.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	49954	38.514	ng		99
3) Pyridine	3.77	79	140536	36.564	ng		99
4) n-Nitrosodimethylamine	3.68	42	60100	46.584	ng		96
6) Aniline	7.24	93	210291	41.461	ng		98
8) 2-Chlorophenol	7.50	128	144303	47.605	ng		95
9) Benzaldehyde	7.05	77	83971	32.455	ng		96
10) Phenol	7.17	94	187964	45.034	ng		97
11) bis(2-Chloroethyl)ether	7.34	93	129939	40.987	ng		98
12) 1,3-Dichlorobenzene	7.80	146	159782	44.232	ng		97
13) 1,4-Dichlorobenzene	7.95	146	161531	44.768	ng		95
14) 1,2-Dichlorobenzene	8.27	146	148399	42.961	ng		96
15) Benzyl Alcohol	8.17	79	146850	44.053	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.44	45	122878	41.126	ng		81
17) 2-Methylphenol	8.41	107	129019	41.536	ng		96
18) Hexachloroethane	8.99	117	60836	44.393	ng		91
19) n-Nitroso-di-n-propylamine	8.72	70	120816	42.661	ng		98
20) 3+4-Methylphenols	8.74	107	171373	41.951	ng	#	73
22) Acetophenone	8.74	105	219717	43.068	ng		99
24) Nitrobenzene	9.12	77	186608	43.015	ng		99
25) Isophorone	9.65	82	325713	41.352	ng		98
26) 2-Nitrophenol	9.84	139	80743	44.675	ng		97
27) 2,4-Dimethylphenol	9.93	122	129360	46.880	ng		97
28) bis(2-Chloroethoxy)methane	10.13	93	177181	43.064	ng		99
29) 2,4-Dichlorophenol	10.40	162	146787	45.595	ng		99
30) 1,2,4-Trichlorobenzene	10.59	180	165351	43.385	ng		94
31) Naphthalene	10.77	128	438844	43.185	ng		98
32) Benzoic acid	10.13	122	75517	43.284	ng		94
33) 4-Chloroaniline	10.89	127	153195	35.999	ng		98
34) Hexachlorobutadiene	11.06	225	116679	43.047	ng		97
35) Caprolactam	11.67	113	48520m	46.573	ng		
36) 4-Chloro-3-methylphenol	12.06	107	167547	45.074	ng		98
37) 2-Methylnaphthalene	12.38	142	330936	43.734	ng		98
38) 1-Methylnaphthalene	12.60	142	317595	44.352	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	189583	43.920	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	225441	93.019	ng		99
43) 2,4,6-Trichlorophenol	13.01	196	125698	42.950	ng		97
44) 2,4,5-Trichlorophenol	13.11	196	131247	39.348	ng		96
46) 1,1'-Biphenyl	13.39	154	408757	43.552	ng		99
47) 2-Chloronaphthalene	13.44	162	326219	43.029	ng		99
48) 2-Nitroaniline	13.65	65	106139	42.087	ng		99
49) Acenaphthylene	14.29	152	521379	42.934	ng		99
50) Dimethylphthalate	14.02	163	439457	42.791	ng		99
51) 2,6-Dinitrotoluene	14.15	165	99113	42.969	ng		95
52) Acenaphthene	14.63	154	314866	42.776	ng		99
53) 3-Nitroaniline	14.49	138	80462	34.924	ng	#	95
54) 2,4-Dinitrophenol	14.69	184	110152	85.139	ng		94
55) Dibenzofuran	14.97	168	512231	42.837	ng		99
56) 4-Nitrophenol	14.86	139	125273	76.095	ng		98
57) 2,4-Dinitrotoluene	14.94	165	142339	43.069	ng	#	98
58) Fluorene	15.62	166	434627	43.711	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.21	232	124818	43.115	ng		98
60) Diethylphthalate	15.39	149	454313	43.274	ng		97
61) 4-Chlorophenyl-phenylether	15.61	204	243359	42.465	ng		97
62) 4-Nitroaniline	15.66	138	99644	42.141	ng		93
63) Azobenzene	15.90	77	439132	43.562	ng		99
65) 4,6-Dinitro-2-methylphenol	15.71	198	93018	47.950	ng		96
66) n-Nitrosodiphenylamine	15.83	169	382462	43.017	ng		99
67) 4-Bromophenyl-phenylether	16.50	248	166074	40.717	ng		98
68) Hexachlorobenzene	16.63	284	188613	44.595	ng		93
69) Atrazine	16.78	200	149366	43.294	ng		96
70) Pentachlorophenol	16.98	266	158670	76.444	ng		96
71) Phenanthrene	17.36	178	698027	43.117	ng		99
72) Anthracene	17.45	178	713499	44.259	ng		100
73) Carbazole	17.73	167	657578	42.839	ng		99
74) Di-n-butylphthalate	18.28	149	786704	43.284	ng		100
75) Fluoranthene	19.37	202	892284	44.822	ng		99
77) Benzidine	19.56	184	540710	69.324	ng		98
78) Pyrene	19.73	202	882858	43.943	ng		98
80) Butylbenzylphthalate	20.62	149	358550	42.636	ng		94
81) Benzo(a)anthracene	21.56	228	843831	43.380	ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	280700	38.150	ng		98
83) Chrysene	21.62	228	810306	43.069	ng		99
84) Bis(2-ethylhexyl)phthalate	21.47	149	503426	43.038	ng	#	97
85) Di-n-octyl phthalate	22.65	149	867170	42.978	ng		100
87) Indeno(1,2,3-cd)pyrene	28.26	276	1061985	44.266	ng	#	95
88) Benzo(b)fluoranthene	23.72	252	907050	43.715	ng		99
89) Benzo(k)fluoranthene	23.78	252	908332	45.740	ng		99
90) Benzo(a)pyrene	24.56	252	847089	43.704	ng		99
91) Dibenzo(a,h)anthracene	28.31	278	865399	44.982	ng		99
92) Benzo(g,h,i)perylene	29.37	276	871890	45.278	ng		98

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

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