Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
Data File : BG045808.D
Acq On : 19 Jun 2020 10:07
Operator : CG/JU
Sample : PB129622BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129622BS

Manual Integrations APPROVED
mohammad
6/22/2020 3:23:59 PM

Quant Time: Jun 19 11:17:40 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	7.92	152	59433	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	232654	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	165506	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	387524	20.00	ng		0.00
76) Chrysene-d12	21.58	240	355078	20.00	ng		0.00
86) Perylene-d12	24.70	264	394118	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	558811	158.83	ng		0.00
7) Phenol-d6	7.15	99	771288	144.12	ng		-0.01
23) Nitrobenzene-d5	9.09	82	502417	98.65	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	357930	143.25	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	1092170	96.98	ng		0.00
79) Terphenyl-d14	19.94	244	1799335	102.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	59836	37.132	ng		93
3) Pyridine	3.76	79	172766	36.180	ng		96
4) n-Nitrosodimethylamine	3.69	42	72733	45.377	ng	#	85
6) Aniline	7.25	93	261199	41.451	ng		97
8) 2-Chlorophenol	7.51	128	180214	47.853	ng		95
9) Benzaldehyde	7.05	77	117417	36.529	ng		95
10) Phenol	7.18	94	239968	46.277	ng		99
11) bis(2-Chloroethyl)ether	7.34	93	167645	42.564	ng		98
12) 1,3-Dichlorobenzene	7.81	146	197341	43.971	ng		98
13) 1,4-Dichlorobenzene	7.95	146	198528	44.287	ng		96
14) 1,2-Dichlorobenzene	8.28	146	181547	42.303	ng		98
15) Benzyl Alcohol	8.18	79	182814	44.142	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	156233	42.088	ng		81
17) 2-Methylphenol	8.41	107	161345	41.810	ng		99
18) Hexachloroethane	9.00	117	75029	44.069	ng		98
19) n-Nitroso-di-n-propylamine	8.73	70	152614	43.376	ng		97
20) 3+4-Methylphenols	8.75	107	216761	42.710	ng	#	69
22) Acetophenone	8.75	105	270593	42.375	ng		96
24) Nitrobenzene	9.12	77	231819	42.692	ng		98
25) Isophorone	9.65	82	416139	42.209	ng		97
26) 2-Nitrophenol	9.84	139	102242	45.195	ng		98
27) 2,4-Dimethylphenol	9.93	122	164198	47.540	ng		96
28) bis(2-Chloroethoxy)methane	10.13	93	228287	44.328	ng		98
29) 2,4-Dichlorophenol	10.41	162	181748	45.102	ng		98
30) 1,2,4-Trichlorobenzene	10.59	180	205408	43.058	ng		99
31) Naphthalene	10.77	128	546296	42.949	ng		99
32) Benzoic acid	10.15	122	106624	47.675	ng		96
33) 4-Chloroaniline	10.90	127	183539	34.457	ng		97
34) Hexachlorobutadiene	11.07	225	142880	42.114	ng		97
35) Caprolactam	11.67	113	62505m	47.933	ng		
36) 4-Chloro-3-methylphenol	12.07	107	213702	45.931	ng		96
37) 2-Methylnaphthalene	12.39	142	410156	43.304	ng		98
38) 1-Methylnaphthalene	12.60	142	392998	43.846	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	231541	42.487	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	282917	92.513	ng		97
43) 2,4,6-Trichlorophenol	13.02	196	161989	43.841	ng		99
44) 2,4,5-Trichlorophenol	13.11	196	170427	40.470	ng		97
46) 1,1'-Biphenyl	13.40	154	514866	43.451	ng		98
47) 2-Chloronaphthalene	13.44	162	404969	42.309	ng		96
48) 2-Nitroaniline	13.66	65	134371	42.204	ng		97
49) Acenaphthylene	14.29	152	656200	42.801	ng		100
50) Dimethylphthalate	14.03	163	555043	42.809	ng		99
51) 2,6-Dinitrotoluene	14.14	165	127105	43.647	ng		97
52) Acenaphthene	14.63	154	390923	42.066	ng		100
53) 3-Nitroaniline	14.49	138	95072	32.685	ng		91
54) 2,4-Dinitrophenol	14.70	184	150274	91.208	ng		99
55) Dibenzofuran	14.97	168	648340	42.946	ng		98
56) 4-Nitrophenol	14.87	139	172844	82.792	ng		92
57) 2,4-Dinitrotoluene	14.94	165	181622	43.529	ng	#	98
58) Fluorene	15.62	166	539750	42.997	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.21	232	161090	44.074	ng		97
60) Diethylphthalate	15.39	149	572573	43.199	ng		96
61) 4-Chlorophenyl-phenylether	15.61	204	302883	41.862	ng		99
62) 4-Nitroaniline	15.66	138	123470	41.360	ng		95
63) Azobenzene	15.90	77	551149	43.306	ng		97
65) 4,6-Dinitro-2-methylphenol	15.71	198	120582	50.350	ng		98
66) n-Nitrosodiphenylamine	15.83	169	477546	43.507	ng		99
67) 4-Bromophenyl-phenylether	16.51	248	206153	40.941	ng		97
68) Hexachlorobenzene	16.63	284	228510	43.764	ng		94
69) Atrazine	16.78	200	183195	43.011	ng		98
70) Pentachlorophenol	16.99	266	220372	85.047	ng		94
71) Phenanthrene	17.36	178	863326	43.196	ng		99
72) Anthracene	17.45	178	879349	44.184	ng		98
73) Carbazole	17.73	167	811744	42.835	ng		99
74) Di-n-butylphthalate	18.28	149	974108	43.413	ng		99
75) Fluoranthene	19.37	202	1073702	43.689	ng		98
77) Benzidine	19.55	184	662687	71.790	ng		98
78) Pyrene	19.74	202	1060978	44.621	ng		99
80) Butylbenzylphthalate	20.62	149	430683	43.274	ng		96
81) Benzo(a)anthracene	21.56	228	1004237	43.622	ng		99
82) 3,3'-Dichlorobenzidine	21.47	252	322610	37.048	ng	#	97
83) Chrysene	21.62	228	963223	43.259	ng		98
84) Bis(2-ethylhexyl)phthalate	21.47	149	615185	44.438	ng		98
85) Di-n-octyl phthalate	22.64	149	1047193	43.854	ng		100
87) Indeno(1,2,3-cd)pyrene	28.26	276	1252738	43.845	ng	#	96
88) Benzo(b)fluoranthene	23.72	252	1089846	44.104	ng		97
89) Benzo(k)fluoranthene	23.78	252	1048025	44.313	ng		97
90) Benzo(a)pyrene	24.56	252	990757	42.921	ng		100
91) Dibenzo(a,h)anthracene	28.31	278	1028206	44.876	ng		99
92) Benzo(g,h,i)perylene	29.37	276	1024074	44.655	ng		99

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

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