Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
Data File : BG044334.D
Acq On : 7 Feb 2020 13:02
Operator : CG/JU
Sample : PB126649BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126649BS

Manual Integrations APPROVED
mohammad
2/11/2020 8:25:51 AM

Quant Time: Feb 08 02:45:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	99718	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	409379	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	259283	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	541023	20.00	ng	0.00
76) Chrysene-d12	21.55	240	470281	20.00	ng	0.00
87) Perylene-d12	24.64	264	445250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	710706	125.78	ng	0.00
7) Phenol-d6	7.09	99	919729	121.22	ng	0.00
23) Nitrobenzene-d5	9.07	82	491124	67.73	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	343013	112.69	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1096420	70.81	ng	0.00
79) Terphenyl-d14	19.91	244	1551207	67.85	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	93226	36.723	ng	99
3) Pyridine	3.77	79	212306	31.390	ng	98
4) n-Nitrosodimethylamine	3.69	42	111401	39.416	ng	99
6) Aniline	7.24	93	296787	31.513	ng	100
8) 2-Chlorophenol	7.49	128	280177	45.119	ng	99
9) Benzaldehyde	7.05	77	106840	24.724	ng	99
10) Phenol	7.12	94	339025	45.149	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	257953	40.181	ng	99
12) 1,3-Dichlorobenzene	7.81	146	288724	38.942	ng	97
13) 1,4-Dichlorobenzene	7.95	146	291163	39.650	ng	98
14) 1,2-Dichlorobenzene	8.27	146	277278	39.948	ng	99
15) Benzyl Alcohol	8.16	79	230160	42.847	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.44	45	333251	38.353	ng	99
17) 2-Methylphenol	8.37	107	237880	44.401	ng	98
18) Hexachloroethane	9.00	117	107718	39.090	ng	100
19) n-Nitroso-di-n-propylamine	8.73	70	196766	38.912	ng	98
20) 3+4-Methylphenols	8.69	107	327232	44.319	ng	99
22) Acetophenone	8.74	105	380753	38.232	ng	99
24) Nitrobenzene	9.11	77	283686	40.074	ng	98
25) Isophorone	9.64	82	545450	40.358	ng	99
26) 2-Nitrophenol	9.82	139	160401	43.668	ng	99
27) 2,4-Dimethylphenol	9.90	122	263692	50.855	ng	98
28) bis(2-Chloroethoxy)methane	10.12	93	349867	38.805	ng	99
29) 2,4-Dichlorophenol	10.37	162	272837	43.517	ng	98
30) 1,2,4-Trichlorobenzene	10.58	180	278105	38.684	ng	99
31) Naphthalene	10.76	128	807341	40.648	ng	100
32) Benzoic acid	10.05	122	133322	41.682	ng	95
33) 4-Chloroaniline	10.87	127	189205	20.945	ng	99
34) Hexachlorobutadiene	11.06	225	164024	37.079	ng	99
35) Caprolactam	11.64	113	95512m	41.586	ng	
36) 4-Chloro-3-methylphenol	12.01	107	278489	42.365	ng	99
37) 2-Methylnaphthalene	12.37	142	600873	40.746	ng	99
38) 1-Methylnaphthalene	12.60	142	563828	40.554	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	292883	37.762	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	307147	82.532	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	211005	42.089	ng	99
44) 2,4,5-Trichlorophenol	13.06	196	225745	44.086	ng	99
46) 1,1'-Biphenyl	13.39	154	745843	39.880	ng	100
47) 2-Chloronaphthalene	13.43	162	582298	39.127	ng	100
48) 2-Nitroaniline	13.63	65	166778	37.972	ng	98
49) Acenaphthylene	14.27	152	911075	41.738	ng	100
50) Dimethylphthalate	14.01	163	737644	39.577	ng	99
51) 2,6-Dinitrotoluene	14.13	165	169722	40.841	ng	98
52) Acenaphthene	14.62	154	555286	39.247	ng	97
53) 3-Nitroaniline	14.45	138	117840	25.631	ng	98
54) 2,4-Dinitrophenol	14.66	184	203093	82.241	ng	98
55) Dibenzofuran	14.95	168	862578	40.267	ng	100
56) 4-Nitrophenol	14.78	139	309531	91.910	ng	97
57) 2,4-Dinitrotoluene	14.91	165	232111	39.851	ng	97
58) Fluorene	15.60	166	674875	39.999	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	197061	42.606	ng	99
60) Diethylphthalate	15.38	149	724218	38.996	ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	356552	38.975	ng	97
62) 4-Nitroaniline	15.62	138	162341	35.337	ng	99
63) Azobenzene	15.89	77	651538	40.029	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	144690	48.449	ng	99
66) n-Nitrosodiphenylamine	15.81	169	629928	41.547	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	232300	39.410	ng	98
68) Hexachlorobenzene	16.61	284	253833	38.438	ng	98
69) Atrazine	16.76	200	233905	45.010	ng	98
70) Pentachlorophenol	16.95	266	292676	87.344	ng	98
71) Phenanthrene	17.34	178	1061484	40.517	ng	100
72) Anthracene	17.43	178	1089235	42.054	ng	99
73) Carbazole	17.70	167	984966	41.250	ng	100
74) Di-n-butylphthalate	18.27	149	1216757	41.236	ng	99
75) Fluoranthene	19.35	202	1254421	41.391	ng	99
77) Benzidine	19.53	184	319821	24.518	ng	98
78) Pyrene	19.71	202	1252139	41.459	ng	98
80) Butylbenzylphthalate	20.61	149	555838	40.386	ng	98
81) Benzo(a)anthracene	21.53	228	1191726	41.117	ng	98
82) 3,3'-Dichlorobenzidine	21.45	252	407218	36.201	ng	99
83) Chrysene	21.59	228	1138781	40.648	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	777913	41.064	ng	99
85) Di-n-octyl phthalate	22.62	149	1374614	41.938	ng	99
86) Indeno(1,2,3-cd)pyrene	28.15	276	1453415	39.765	ng	99
88) Benzo(b)fluoranthene	23.67	252	1258187	49.039	ng	99
89) Benzo(k)fluoranthene	23.73	252	1252443	50.086	ng	100
90) Benzo(a)pyrene	24.50	252	1158034	47.738	ng	99
91) Dibenzo(a,h)anthracene	28.21	278	1205729	50.223	ng	98
92) Benzo(g,h,i)perylene	29.25	276	1222746	50.877	ng	98

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

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