Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042790.D
Acq On : 12 Sep 2019 20:13
Operator : HP/JU
Sample : K4852-10MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)MSD

Manual Integrations APPROVED
mohammad
9/16/2019 9:03:34 AM

Quant Time: Sep 13 08:09:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	82437	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	309984	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	207275	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	480556	20.00	ng	0.00
76) Chrysene-d12	21.76	240	476540	20.00	ng	0.00
87) Perylene-d12	25.03	264	539674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	687832	145.06	ng	0.00
7) Phenol-d6	7.27	99	990051	145.47	ng	0.00
23) Nitrobenzene-d5	9.28	82	609545	102.37	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	399293	144.80	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1256464	95.95	ng	0.00
79) Terphenyl-d14	20.09	244	2021053	93.99	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	77434	35.782	ng	98
3) Pyridine	3.98	79	216165	33.177	ng	96
4) n-Nitrosodimethylamine	3.89	42	135914	42.869	ng	99
6) Aniline	7.44	93	356989	38.877	ng	98
8) 2-Chlorophenol	7.68	128	246535	48.099	ng	95
9) Benzaldehyde	7.25	77	174540	39.409	ng	95
10) Phenol	7.30	94	351350	50.339	ng	98
11) bis(2-Chloroethyl)ether	7.54	93	239486	44.708	ng	98
12) 1,3-Dichlorobenzene	8.01	146	260960	41.743	ng	98
13) 1,4-Dichlorobenzene	8.16	146	266809	42.629	ng	98
14) 1,2-Dichlorobenzene	8.48	146	249181	41.824	ng	96
15) Benzyl Alcohol	8.35	79	270151	46.253	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	496507	42.208	ng	97
17) 2-Methylphenol	8.55	107	223460	47.855	ng	99
18) Hexachloroethane	9.22	117	96344	41.694	ng	96
19) n-Nitroso-di-n-propylamine	8.93	70	218199	43.509	ng	97
20) 3+4-Methylphenols	8.88	107	304319	47.278	ng	96
22) Acetophenone	8.94	105	382463	48.854	ng	98
24) Nitrobenzene	9.32	77	306677	49.071	ng	98
25) Isophorone	9.85	82	594028	47.864	ng	97
26) 2-Nitrophenol	10.03	139	129343	52.631	ng	94
27) 2,4-Dimethylphenol	10.09	122	245776	56.537	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	327297	47.289	ng	99
29) 2,4-Dichlorophenol	10.57	162	259659	51.400	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	281327	45.613	ng	97
31) Naphthalene	10.98	128	743645	48.588	ng	99
32) Benzoic acid	10.22	122	164646	46.972	ng	93
33) 4-Chloroaniline	11.07	127	200739	28.062	ng	97
34) Hexachlorobutadiene	11.28	225	193374	44.749	ng	96
35) Caprolactam	11.84	113	91459m	48.686	ng	
36) 4-Chloro-3-methylphenol	12.19	107	275622	50.250	ng	97
37) 2-Methylnaphthalene	12.58	142	553478	48.276	ng	98
38) 1-Methylnaphthalene	12.79	142	510197	47.447	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	342084	49.944	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	385244	98.182	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	228127	50.028	ng		95
44) 2,4,5-Trichlorophenol	13.24	196	246147	52.700	ng		98
46) 1,1'-Biphenyl	13.58	154	727938	50.166	ng		99
47) 2-Chloronaphthalene	13.62	162	571882	47.643	ng		100
48) 2-Nitroaniline	13.81	65	206066	49.488	ng		95
49) Acenaphthylene	14.46	152	919794	50.143	ng		98
50) Dimethylphthalate	14.19	163	841674	54.206	ng		100
51) 2,6-Dinitrotoluene	14.30	165	162507	51.005	ng		97
52) Acenaphthene	14.80	154	632032	52.741	ng		98
53) 3-Nitroaniline	14.63	138	130075	36.376	ng		99
54) 2,4-Dinitrophenol	14.83	184	163474	104.225	ng	#	75
55) Dibenzofuran	15.14	168	876832	49.226	ng		98
56) 4-Nitrophenol	14.93	139	283285	102.462	ng		96
57) 2,4-Dinitrotoluene	15.09	165	218476	51.445	ng		99
58) Fluorene	15.79	166	711645	48.207	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	237425m	52.438	ng		
60) Diethylphthalate	15.56	149	739355	46.909	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	416428	47.709	ng		99
62) 4-Nitroaniline	15.79	138	184356	47.830	ng		98
63) Azobenzene	16.07	77	746043	49.153	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	117364	57.077	ng		95
66) n-Nitrosodiphenylamine	15.99	169	645981	49.955	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	279216	48.004	ng		97
68) Hexachlorobenzene	16.79	284	286822	46.149	ng		99
69) Atrazine	16.93	200	252128	55.990	ng		98
70) Pentachlorophenol	17.12	266	397632	107.848	ng		96
71) Phenanthrene	17.52	178	1132657	49.284	ng		99
72) Anthracene	17.62	178	1158310	50.448	ng		99
73) Carbazole	17.88	167	1088961	49.900	ng		97
74) Di-n-butylphthalate	18.45	149	1240084	47.437	ng		99
75) Fluoranthene	19.53	202	1489728	50.016	ng		99
77) Benzidine	19.70	184	818626	61.486	ng		98
78) Pyrene	19.89	202	1490482	49.958	ng		99
80) Butylbenzylphthalate	20.78	149	588683	48.755	ng		99
81) Benzo(a)anthracene	21.74	228	1449212	47.830	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	394436	33.498	ng		99
83) Chrysene	21.81	228	1390226	48.440	ng		98
84) Bis(2-ethylhexyl)phthalate	21.67	149	798173	48.380	ng		99
85) Di-n-octyl phthalate	22.91	149	1387644	49.338	ng		100
86) Indeno(1,2,3-cd)pyrene	28.78	276	1768596	49.761	ng	#	93
88) Benzo(b)fluoranthene	24.00	252	1562806	49.318	ng		98
89) Benzo(k)fluoranthene	24.07	252	1450377	48.453	ng		99
90) Benzo(a)pyrene	24.88	252	1503667	50.676	ng		98
91) Dibenzo(a,h)anthracene	28.85	278	1446248	49.557	ng		99
92) Benzo(g,h,i)perylene	29.95	276	1452249	51.017	ng		98

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

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