Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
Data File : BG043941.D
Acq On : 6 Jan 2020 21:31
Operator : JU
Sample : IDOC-S-04-CG
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDOC-S-04-CG

Manual Integrations APPROVED
mohammad
1/7/2020 12:30:52 PM

Quant Time: Jan 07 06:49:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	118388	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	517802	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	341982	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	739350	20.00	ng	0.00
76) Chrysene-d12	21.58	240	649998	20.00	ng	0.00
87) Perylene-d12	24.71	264	751046	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	852546	132.22	ng	0.00
7) Phenol-d6	7.13	99	1128542	125.22	ng	0.00
23) Nitrobenzene-d5	9.12	82	708124	73.16	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	425627	118.93	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1527979	80.95	ng	0.00
79) Terphenyl-d14	19.95	244	2190809	79.99	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	110987	39.478	ng	99
3) Pyridine	3.82	79	283855	34.178	ng	93
4) n-Nitrosodimethylamine	3.74	42	150168	40.612	ng	98
6) Aniline	7.28	93	378288	31.956	ng	98
8) 2-Chlorophenol	7.52	128	352297	46.542	ng	99
9) Benzaldehyde	7.09	77	214486	37.183	ng	98
10) Phenol	7.15	94	438189	47.188	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	332693	41.505	ng	99
12) 1,3-Dichlorobenzene	7.85	146	360777	40.730	ng	99
13) 1,4-Dichlorobenzene	7.99	146	363838	41.630	ng	97
14) 1,2-Dichlorobenzene	8.32	146	345671	41.206	ng	100
15) Benzyl Alcohol	8.19	79	304943	42.871	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	467434	37.693	ng	98
17) 2-Methylphenol	8.41	107	306204	45.567	ng	95
18) Hexachloroethane	9.05	117	136720	40.202	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	267246	39.817	ng	99
20) 3+4-Methylphenols	8.73	107	421451	44.958	ng	98
22) Acetophenone	8.78	105	489892	38.056	ng	99
24) Nitrobenzene	9.16	77	374737	39.090	ng	98
25) Isophorone	9.68	82	711247	39.167	ng	100
26) 2-Nitrophenol	9.87	139	192402	42.421	ng	99
27) 2,4-Dimethylphenol	9.93	122	337216	49.392	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	460599	38.046	ng	98
29) 2,4-Dichlorophenol	10.41	162	352718	43.311	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	353895	38.756	ng	99
31) Naphthalene	10.82	128	1026251	40.956	ng	99
32) Benzoic acid	10.06	122	129561	26.524	ng	95
33) 4-Chloroaniline	10.91	127	275769	23.074	ng	99
34) Hexachlorobutadiene	11.11	225	207022	37.133	ng	96
35) Caprolactam	11.68	113	128853m	42.502	ng	
36) 4-Chloro-3-methylphenol	12.04	107	371288	42.826	ng	98
37) 2-Methylnaphthalene	12.42	142	773596	41.008	ng	99
38) 1-Methylnaphthalene	12.64	142	739806	41.378	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	365588	36.473	ng	99

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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	487353	93.784	ng		98
43) 2,4,6-Trichlorophenol	13.02	196	275488	39.943	ng		96
44) 2,4,5-Trichlorophenol	13.10	196	298348	41.942	ng		99
46) 1,1'-Biphenyl	13.43	154	973029	39.684	ng		99
47) 2-Chloronaphthalene	13.47	162	764655	38.593	ng		98
48) 2-Nitroaniline	13.66	65	243210	38.160	ng		98
49) Acenaphthylene	14.31	152	1196452	42.014	ng		99
50) Dimethylphthalate	14.05	163	966158	39.789	ng		98
51) 2,6-Dinitrotoluene	14.16	165	222494	40.540	ng		98
52) Acenaphthene	14.66	154	851727	42.648	ng		97
53) 3-Nitroaniline	14.49	138	180164	28.907	ng		100
54) 2,4-Dinitrophenol	14.69	184	190888	69.075	ng		99
55) Dibenzofuran	14.99	168	1147829	41.751	ng		98
56) 4-Nitrophenol	14.80	139	428728	89.768	ng		95
57) 2,4-Dinitrotoluene	14.95	165	309499	41.444	ng		98
58) Fluorene	15.64	166	904661	41.516	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	260538	42.594	ng		98
60) Diethylphthalate	15.42	149	993404	40.903	ng		99
61) 4-Chlorophenyl-phenylether	15.63	204	469796	39.705	ng		99
62) 4-Nitroaniline	15.65	138	243235	39.520	ng		95
63) Azobenzene	15.93	77	923427	40.998	ng		99
65) 4,6-Dinitro-2-methylphenol	15.72	198	160580	42.689	ng		97
66) n-Nitrosodiphenylamine	15.84	169	853702	39.209	ng		99
67) 4-Bromophenyl-phenylether	16.53	248	309228	37.187	ng		98
68) Hexachlorobenzene	16.65	284	331802	37.031	ng		100
69) Atrazine	16.80	200	332883	47.035	ng		100
70) Pentachlorophenol	16.99	266	361688	73.227	ng		98
71) Phenanthrene	17.38	178	1442054	40.664	ng		99
72) Anthracene	17.47	178	1492160	42.575	ng		99
73) Carbazole	17.74	167	1373958	42.440	ng		99
74) Di-n-butylphthalate	18.31	149	1689696	40.879	ng		98
75) Fluoranthene	19.39	202	1689232	41.651	ng		99
77) Benzidine	19.56	184	915399	56.028	ng		98
78) Pyrene	19.75	202	1702520	40.127	ng		99
80) Butylbenzylphthalate	20.64	149	794144	39.315	ng		98
81) Benzo(a)anthracene	21.57	228	1626958	40.367	ng		100
82) 3,3'-Dichlorobenzidine	21.48	252	509650	32.007	ng		99
83) Chrysene	21.63	228	1566159	40.895	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	1119879	40.180	ng		98
85) Di-n-octyl phthalate	22.68	149	1923175	41.044	ng		98
86) Indeno(1,2,3-cd)pyrene	28.25	276	1969851	37.848	ng	#	91
88) Benzo(b)fluoranthene	23.72	252	1751614	39.451	ng		100
89) Benzo(k)fluoranthene	23.79	252	1686815	39.952	ng		99
90) Benzo(a)pyrene	24.56	252	1620165	38.662	ng		99
91) Dibenzo(a,h)anthracene	28.32	278	1653400	39.286	ng		98
92) Benzo(g,h,i)perylene	29.35	276	1617267	38.687	ng		97

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

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