Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043953.D
Acq On : 7 Jan 2020 13:44
Operator : JU
Sample : IDOC-W-04-CG
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
1/8/2020 4:26:07 PM

Quant Time: Jan 07 17:00:47 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	116208	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	513816	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	345556	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	754872	20.00	ng	0.00
76) Chrysene-d12	21.58	240	649083	20.00	ng	0.00
87) Perylene-d12	24.71	264	711066	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	774938	122.44	ng	0.00
7) Phenol-d6	7.13	99	1027398	116.13	ng	0.00
23) Nitrobenzene-d5	9.12	82	654151	68.11	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	393369	108.78	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1431263	75.04	ng	0.00
79) Terphenyl-d14	19.95	244	2045920	73.13	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	107039	38.788	ng	98
3) Pyridine	3.82	79	260862	31.999	ng	96
4) n-Nitrosodimethylamine	3.73	42	139111	38.328	ng	99
6) Aniline	7.28	93	348917	30.027	ng	99
8) 2-Chlorophenol	7.52	128	332169	44.706	ng	99
9) Benzaldehyde	7.09	77	196896	34.774	ng	99
10) Phenol	7.15	94	414592	45.485	ng	100
11) bis(2-Chloroethyl)ether	7.38	93	307097	39.031	ng	99
12) 1,3-Dichlorobenzene	7.85	146	340082	39.113	ng	98
13) 1,4-Dichlorobenzene	7.99	146	339945	39.626	ng	99
14) 1,2-Dichlorobenzene	8.32	146	324604	39.420	ng	99
15) Benzyl Alcohol	8.19	79	286183	40.988	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.49	45	429672	35.298	ng	98
17) 2-Methylphenol	8.41	107	287652	43.609	ng	97
18) Hexachloroethane	9.05	117	127107	38.077	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	248538	37.724	ng	98
20) 3+4-Methylphenols	8.73	107	397482	43.196	ng	96
22) Acetophenone	8.78	105	458224	35.872	ng	99
24) Nitrobenzene	9.16	77	353555	37.166	ng	99
25) Isophorone	9.68	82	666616	36.994	ng	100
26) 2-Nitrophenol	9.87	139	184653	41.028	ng	98
27) 2,4-Dimethylphenol	9.93	122	318994	47.085	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	429572	35.758	ng	100
29) 2,4-Dichlorophenol	10.41	162	333783	41.304	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	332388	36.683	ng	98
31) Naphthalene	10.81	128	973175	39.139	ng	99
32) Benzoic acid	10.06	122	116411	24.609	ng	98
33) 4-Chloroaniline	10.91	127	271137	22.863	ng	99
34) Hexachlorobutadiene	11.11	225	194769	35.206	ng	98
35) Caprolactam	11.68	113	122781m	40.813	ng	
36) 4-Chloro-3-methylphenol	12.04	107	355728	41.350	ng	98
37) 2-Methylnaphthalene	12.42	142	728051	38.893	ng	99
38) 1-Methylnaphthalene	12.64	142	700077	39.460	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	350336	34.590	ng	99

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Quant Time: Jan 07 17:00:47 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)
41) Hexachlorocyclopentadiene	12.78	237	446146	84.966	ng		98
43) 2,4,6-Trichlorophenol	13.02	196	260888	37.435	ng		98
44) 2,4,5-Trichlorophenol	13.09	196	284891	39.636	ng		98
46) 1,1'-Biphenyl	13.42	154	923553	37.276	ng		100
47) 2-Chloronaphthalene	13.46	162	725547	36.240	ng		98
48) 2-Nitroaniline	13.66	65	233323	36.230	ng		98
49) Acenaphthylene	14.31	152	1142365	39.699	ng		99
50) Dimethylphthalate	14.05	163	936944	38.187	ng		99
51) 2,6-Dinitrotoluene	14.16	165	214458	38.671	ng		97
52) Acenaphthene	14.66	154	817112	40.492	ng		99
53) 3-Nitroaniline	14.49	138	174541	27.716	ng		99
54) 2,4-Dinitrophenol	14.69	184	188088	67.494	ng		99
55) Dibenzofuran	14.99	168	1109502	39.939	ng		99
56) 4-Nitrophenol	14.80	139	412973	85.575	ng		97
57) 2,4-Dinitrotoluene	14.95	165	305275	40.455	ng		99
58) Fluorene	15.64	166	880448	39.987	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	252178	40.801	ng		97
60) Diethylphthalate	15.42	149	962368	39.215	ng		100
61) 4-Chlorophenyl-phenylether	15.63	204	456795	38.207	ng		98
62) 4-Nitroaniline	15.65	138	229308	36.872	ng		97
63) Azobenzene	15.93	77	906362	39.825	ng		99
65) 4,6-Dinitro-2-methylphenol	15.71	198	158525	41.421	ng		98
66) n-Nitrosodiphenylamine	15.84	169	827984	37.246	ng		99
67) 4-Bromophenyl-phenylether	16.53	248	296624	34.938	ng		99
68) Hexachlorobenzene	16.65	284	320593	35.044	ng		98
69) Atrazine	16.80	200	316036	43.736	ng		99
70) Pentachlorophenol	16.99	266	352987	69.996	ng		98
71) Phenanthrene	17.38	178	1388841	38.358	ng		99
72) Anthracene	17.47	178	1430817	39.986	ng		99
73) Carbazole	17.73	167	1313301	39.732	ng		99
74) Di-n-butylphthalate	18.31	149	1607184	38.084	ng		98
75) Fluoranthene	19.39	202	1603180	38.716	ng		99
77) Benzidine	19.56	184	717165	43.957	ng		99
78) Pyrene	19.75	202	1591543	37.565	ng		99
80) Butylbenzylphthalate	20.64	149	739551	36.664	ng		99
81) Benzo(a)anthracene	21.57	228	1534670	38.131	ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	493378	31.028	ng		99
83) Chrysene	21.63	228	1478082	38.650	ng		98
84) Bis(2-ethylhexyl)phthalate	21.50	149	1056787	37.970	ng		99
85) Di-n-octyl phthalate	22.68	149	1818239	38.859	ng		98
86) Indeno(1,2,3-cd)pyrene	28.25	276	1828805	35.188	ng	#	91
88) Benzo(b)fluoranthene	23.72	252	1648482	39.216	ng		99
89) Benzo(k)fluoranthene	23.79	252	1576732	39.444	ng		99
90) Benzo(a)pyrene	24.56	252	1512471	38.121	ng		99
91) Dibenzo(a,h)anthracene	28.32	278	1483537	37.232	ng		98
92) Benzo(g,h,i)perylene	29.35	276	1502333	37.958	ng		98

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

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