Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
Data File : BG043929.D
Acq On : 6 Jan 2020 13:26
Operator : JU
Sample : PB125878BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB125878BS

Manual Integrations APPROVED
mohammad
1/7/2020 12:30:35 PM

Quant Time: Jan 07 05:42:37 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	128821	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	607115	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	412569	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	885048	20.00	ng		0.00
76) Chrysene-d12	21.59	240	779528	20.00	ng		0.00
87) Perylene-d12	24.72	264	606857	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	879269	125.32	ng		0.00
7) Phenol-d6	7.13	99	1175012	119.81	ng		0.00
23) Nitrobenzene-d5	9.12	82	752606	66.32	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	454357	105.24	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1629291	71.55	ng		0.00
79) Terphenyl-d14	19.95	244	2283842	66.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	106580	34.841	ng		96
3) Pyridine	3.82	79	250621	27.733	ng		96
4) n-Nitrosodimethylamine	3.74	42	143329	35.623	ng		99
6) Aniline	7.28	93	301821	23.431	ng		99
8) 2-Chlorophenol	7.53	128	380869	46.241	ng		99
9) Benzaldehyde	7.10	77	233729	37.238	ng		99
10) Phenol	7.16	94	480280	47.532	ng		98
11) bis(2-Chloroethyl)ether	7.38	93	352059	40.364	ng		98
12) 1,3-Dichlorobenzene	7.85	146	359857	37.335	ng		99
13) 1,4-Dichlorobenzene	8.00	146	369431	38.846	ng		99
14) 1,2-Dichlorobenzene	8.32	146	354529	38.839	ng		99
15) Benzyl Alcohol	8.20	79	327571	42.322	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	501916	37.196	ng		99
17) 2-Methylphenol	8.41	107	337691	46.183	ng		97
18) Hexachloroethane	9.05	117	136714	36.945	ng		98
19) n-Nitroso-di-n-propylamine	8.77	70	287675	39.389	ng		96
20) 3+4-Methylphenols	8.74	107	469862	46.062	ng		98
22) Acetophenone	8.78	105	527196	34.929	ng	#	99
24) Nitrobenzene	9.16	77	408061	36.304	ng		98
25) Isophorone	9.69	82	785438	36.890	ng		100
26) 2-Nitrophenol	9.88	139	213431	40.135	ng		97
27) 2,4-Dimethylphenol	9.94	122	373146	46.614	ng		98
28) bis(2-Chloroethoxy)methane	10.17	93	502396	35.393	ng		99
29) 2,4-Dichlorophenol	10.41	162	390276	40.873	ng		98
30) 1,2,4-Trichlorobenzene	10.63	180	381993	35.679	ng		99
31) Naphthalene	10.82	128	1119726	38.113	ng		99
32) Benzoic acid	10.08	122	226111	36.422	ng		92
33) 4-Chloroaniline	10.92	127	273107	19.490	ng		99
34) Hexachlorobutadiene	11.12	225	217561	33.282	ng		100
35) Caprolactam	11.69	113	150371m	42.303	ng		
36) 4-Chloro-3-methylphenol	12.04	107	421923	41.507	ng		99
37) 2-Methylnaphthalene	12.42	142	855914	38.697	ng		99
38) 1-Methylnaphthalene	12.64	142	815857	38.919	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	406721	33.634	ng		99

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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
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	312684	49.876 ng	98
43) 2,4,6-Trichlorophenol	13.03	196	311262	37.409 ng	96
44) 2,4,5-Trichlorophenol	13.10	196	336962	39.265 ng	98
46) 1,1'-Biphenyl	13.43	154	1074991	36.341 ng	99
47) 2-Chloronaphthalene	13.47	162	841952	35.224 ng	99
48) 2-Nitroaniline	13.67	65	277795	36.129 ng	99
49) Acenaphthylene	14.32	152	1323716	38.530 ng	100
50) Dimethylphthalate	14.05	163	1095396	37.393 ng	99
51) 2,6-Dinitrotoluene	14.16	165	255800	38.634 ng	98
52) Acenaphthene	14.66	154	864635	35.887 ng	99
53) 3-Nitroaniline	14.49	138	206129	27.415 ng	98
54) 2,4-Dinitrophenol	14.69	184	265802	78.882 ng	98
55) Dibenzofuran	14.99	168	1282614	38.671 ng	99
56) 4-Nitrophenol	14.81	139	491107	85.236 ng	99
57) 2,4-Dinitrotoluene	14.95	165	353175	39.201 ng	100
58) Fluorene	15.64	166	1010767	38.449 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	295697	40.071 ng	99
60) Diethylphthalate	15.42	149	1108621	37.837 ng	100
61) 4-Chlorophenyl-phenylether	15.63	204	526352	36.874 ng	100
62) 4-Nitroaniline	15.66	138	265285	35.729 ng	95
63) Azobenzene	15.93	77	1048621	38.591 ng	99
65) 4,6-Dinitro-2-methylphenol	15.72	198	195348	43.311 ng	98
66) n-Nitrosodiphenylamine	15.85	169	962764	36.939 ng	99
67) 4-Bromophenyl-phenylether	16.53	248	343458	34.504 ng	98
68) Hexachlorobenzene	16.65	284	369230	34.424 ng	98
69) Atrazine	16.80	200	321807	37.985 ng	99
70) Pentachlorophenol	16.99	266	448495	75.854 ng	98
71) Phenanthrene	17.38	178	1590213	37.460 ng	99
72) Anthracene	17.47	178	1607619	38.319 ng	99
73) Carbazole	17.74	167	1489283	38.429 ng	100
74) Di-n-butylphthalate	18.31	149	1813676	36.655 ng	99
75) Fluoranthene	19.39	202	1811655	37.316 ng	99
77) Benzidine	19.56	184	318332	16.246 ng	97
78) Pyrene	19.75	202	1824290	35.853 ng	99
80) Butylbenzylphthalate	20.64	149	877649	36.229 ng	99
81) Benzo(a)anthracene	21.57	228	1778574	36.796 ng	100
82) 3,3'-Dichlorobenzidine	21.49	252	608997	31.891 ng	99
83) Chrysene	21.64	228	1703443	37.089 ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	1232271	36.866 ng	100
85) Di-n-octyl phthalate	22.68	149	2127828	37.866 ng	100
86) Indeno(1,2,3-cd)pyrene	28.27	276	2183241	34.978 ng	100
88) Benzo(b)fluoranthene	23.73	252	1932209	53.858 ng	100
89) Benzo(k)fluoranthene	23.79	252	1819223	53.325 ng	99
90) Benzo(a)pyrene	24.57	252	1737415	51.311 ng	99
91) Dibenzo(a,h)anthracene	28.34	278	1834837	53.956 ng	98
92) Benzo(g,h,i)perylene	29.38	276	1793468	53.095 ng	97

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

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