Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
Data File : BG042845.D
Acq On : 16 Sep 2019 12:08
Operator : HP/JU
Sample : PB123104BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB123104BS

Manual Integrations APPROVED
mohammad
9/17/2019 1:26:37 PM

Quant Time: Sep 17 02:12:34 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	71829	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	307984	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	228114	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	595617	20.00	ng	0.00
76) Chrysene-d12	21.76	240	612101	20.00	ng	0.00
87) Perylene-d12	25.03	264	620152	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	534171	129.29	ng	0.00
7) Phenol-d6	7.27	99	762372	128.56	ng	0.00
23) Nitrobenzene-d5	9.28	82	436279	73.75	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	393491	129.66	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1017684	70.62	ng	0.00
79) Terphenyl-d14	20.09	244	2008435	72.72	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	71264	37.795	ng	98
3) Pyridine	3.98	79	179852	31.680	ng	95
4) n-Nitrosodimethylamine	3.89	42	104922	37.981	ng	94
6) Aniline	7.44	93	276424	34.549	ng	97
8) 2-Chlorophenol	7.68	128	215990	48.363	ng	96
9) Benzaldehyde	7.25	77	132839	34.423	ng	89
10) Phenol	7.30	94	304239	50.026	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	204769	43.872	ng	97
12) 1,3-Dichlorobenzene	8.01	146	220699	40.517	ng	97
13) 1,4-Dichlorobenzene	8.15	146	224556	41.176	ng	99
14) 1,2-Dichlorobenzene	8.48	146	212676	40.968	ng	100
15) Benzyl Alcohol	8.35	79	235299	46.235	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	384938	37.556	ng	99
17) 2-Methylphenol	8.55	107	197959	48.655	ng	97
18) Hexachloroethane	9.21	117	80170	39.819	ng	91
19) n-Nitroso-di-n-propylamine	8.92	70	188321	43.097	ng	96
20) 3+4-Methylphenols	8.88	107	281827	50.250	ng	98
22) Acetophenone	8.94	105	330639	42.508	ng	97
24) Nitrobenzene	9.32	77	272002	43.805	ng	97
25) Isophorone	9.85	82	520202	42.188	ng	98
26) 2-Nitrophenol	10.03	139	120410	49.314	ng	94
27) 2,4-Dimethylphenol	10.09	122	225050	52.105	ng	96
28) bis(2-Chloroethoxy)methane	10.32	93	296283	43.086	ng	99
29) 2,4-Dichlorophenol	10.57	162	242044	48.224	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	245307	40.031	ng	97
31) Naphthalene	10.98	128	657750	43.255	ng	99
32) Benzoic acid	10.21	122	151312	43.896	ng	93
33) 4-Chloroaniline	11.07	127	208167	29.289	ng	99
34) Hexachlorobutadiene	11.27	225	159938	37.252	ng	97
35) Caprolactam	11.84	113	95787m	51.321	ng	
36) 4-Chloro-3-methylphenol	12.18	107	271931	49.899	ng	98
37) 2-Methylnaphthalene	12.58	142	500086	43.903	ng	97
38) 1-Methylnaphthalene	12.80	142	477929	44.735	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	305782	40.566	ng	99

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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)
41) Hexachlorocyclopentadiene	12.92	237	368773	85.398	ng		96
43) 2,4,6-Trichlorophenol	13.17	196	227030	45.240	ng		96
44) 2,4,5-Trichlorophenol	13.24	196	249433	48.525	ng		97
46) 1,1'-Biphenyl	13.58	154	677298	42.412	ng		98
47) 2-Chloronaphthalene	13.62	162	534030	40.425	ng		99
48) 2-Nitroaniline	13.81	65	207405	45.259	ng		95
49) Acenaphthylene	14.46	152	887275	43.951	ng		98
50) Dimethylphthalate	14.19	163	746076	43.659	ng		99
51) 2,6-Dinitrotoluene	14.30	165	173545	49.494	ng		94
52) Acenaphthene	14.80	154	642616	48.725	ng		98
53) 3-Nitroaniline	14.63	138	135072	34.323	ng		98
54) 2,4-Dinitrophenol	14.83	184	190985	110.641	ng	#	71
55) Dibenzofuran	15.13	168	864417	44.095	ng		99
56) 4-Nitrophenol	14.93	139	325528	106.985	ng		94
57) 2,4-Dinitrotoluene	15.09	165	249314	53.343	ng	#	94
58) Fluorene	15.78	166	735481	45.270	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.36	232	249133	49.997	ng		99
60) Diethylphthalate	15.55	149	776157	44.745	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	409919	42.673	ng		98
62) 4-Nitroaniline	15.79	138	204944	48.314	ng		98
63) Azobenzene	16.07	77	748130	44.788	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	137822	54.079	ng		98
66) n-Nitrosodiphenylamine	15.99	169	673570	42.026	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	282056	39.125	ng		99
68) Hexachlorobenzene	16.79	284	293764	38.135	ng		98
69) Atrazine	16.93	200	274188	49.126	ng		98
70) Pentachlorophenol	17.13	266	429493	93.986	ng		96
71) Phenanthrene	17.52	178	1222652	42.923	ng		99
72) Anthracene	17.61	178	1237328	43.479	ng		99
73) Carbazole	17.88	167	1210645	44.759	ng		96
74) Di-n-butylphthalate	18.44	149	1385907	42.774	ng		99
75) Fluoranthene	19.53	202	1625734	44.038	ng		98
77) Benzidine	19.69	184	648574	37.925	ng		99
78) Pyrene	19.89	202	1656039	43.214	ng		98
80) Butylbenzylphthalate	20.77	149	657670	42.405	ng		97
81) Benzo(a)anthracene	21.74	228	1616008	41.523	ng		97
82) 3,3'-Dichlorobenzidine	21.65	252	510851	33.777	ng		98
83) Chrysene	21.81	228	1552791	42.122	ng		98
84) Bis(2-ethylhexyl)phthalate	21.66	149	895806	42.273	ng	#	99
85) Di-n-octyl phthalate	22.90	149	1523022	42.159	ng		98
86) Indeno(1,2,3-cd)pyrene	28.77	276	1891595	41.435	ng	#	93
88) Benzo(b)fluoranthene	23.99	252	1673125	45.947	ng		98
89) Benzo(k)fluoranthene	24.07	252	1591274	46.261	ng		98
90) Benzo(a)pyrene	24.88	252	1623731	47.621	ng		99
91) Dibenzo(a,h)anthracene	28.85	278	1572357	46.886	ng		100
92) Benzo(g,h,i)perylene	29.95	276	1574866	48.145	ng		99

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

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