Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042814.D
Acq On : 13 Sep 2019 12:49
Operator : HP/JU
Sample : PB122826BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Manual Integrations APPROVED
mohammad
9/16/2019 9:03:53 AM

Quant Time: Sep 13 14:19:18 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	78522	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	325173	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	217920	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	505546	20.00	ng	0.00
76) Chrysene-d12	21.76	240	539288	20.00	ng	0.00
87) Perylene-d12	25.02	264	590304	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	569227	126.03	ng	0.00
7) Phenol-d6	7.27	99	787333	121.45	ng	0.00
23) Nitrobenzene-d5	9.27	82	456411	73.07	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	322670	111.29	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	995705	72.33	ng	0.00
79) Terphenyl-d14	20.08	244	1698288	69.79	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	81127	39.358	ng	95
3) Pyridine	3.98	79	220590	35.544	ng	94
4) n-Nitrosodimethylamine	3.89	42	123644	40.944	ng	98
6) Aniline	7.44	93	293421	33.548	ng	98
8) 2-Chlorophenol	7.68	128	226631	46.421	ng	97
9) Benzaldehyde	7.25	77	163261	38.700	ng	96
10) Phenol	7.30	94	308959	46.472	ng	100
11) bis(2-Chloroethyl)ether	7.53	93	215290	42.195	ng	95
12) 1,3-Dichlorobenzene	8.01	146	241523	40.560	ng	99
13) 1,4-Dichlorobenzene	8.15	146	246064	41.274	ng	96
14) 1,2-Dichlorobenzene	8.47	146	230712	40.655	ng	99
15) Benzyl Alcohol	8.35	79	245451	44.119	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	445532	39.763	ng	98
17) 2-Methylphenol	8.55	107	203894	45.842	ng	98
18) Hexachloroethane	9.21	117	89290	40.568	ng	97
19) n-Nitroso-di-n-propylamine	8.92	70	196387	41.112	ng	97
20) 3+4-Methylphenols	8.88	107	277878	45.323	ng	95
22) Acetophenone	8.94	105	343505	41.828	ng	96
24) Nitrobenzene	9.32	77	286413	43.688	ng	99
25) Isophorone	9.84	82	530977	40.785	ng	98
26) 2-Nitrophenol	10.03	139	116061	45.020	ng	93
27) 2,4-Dimethylphenol	10.09	122	222988	48.899	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	294925	40.622	ng	99
29) 2,4-Dichlorophenol	10.56	162	236243	44.580	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	256695	39.675	ng	99
31) Naphthalene	10.98	128	674501	42.012	ng	99
32) Benzoic acid	10.20	122	146807	40.821	ng	93
33) 4-Chloroaniline	11.07	127	182531	24.324	ng	96
34) Hexachlorobutadiene	11.27	225	174088	38.404	ng	95
35) Caprolactam	11.83	113	81513m	41.364	ng	
36) 4-Chloro-3-methylphenol	12.18	107	252438	43.873	ng	97
37) 2-Methylnaphthalene	12.57	142	501881	41.731	ng	97
38) 1-Methylnaphthalene	12.79	142	468327	41.519	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	309105	42.925	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	12.93	237	412028	99.879	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	205556	42.877	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	222477	45.306	ng		93
46) 1,1'-Biphenyl	13.57	154	658855	43.187	ng		99
47) 2-Chloronaphthalene	13.61	162	513557	40.694	ng		100
48) 2-Nitroaniline	13.80	65	188817	43.130	ng		98
49) Acenaphthylene	14.46	152	828370	42.953	ng		97
50) Dimethylphthalate	14.19	163	667314	40.877	ng		98
51) 2,6-Dinitrotoluene	14.29	165	153491	45.822	ng		94
52) Acenaphthene	14.80	154	542759	43.079	ng		99
53) 3-Nitroaniline	14.62	138	111525	29.665	ng	#	95
54) 2,4-Dinitrophenol	14.82	184	99265	60.196	ng		86
55) Dibenzofuran	15.13	168	784379	41.884	ng		97
56) 4-Nitrophenol	14.92	139	256975	88.405	ng		95
57) 2,4-Dinitrotoluene	15.08	165	198928	44.554	ng		100
58) Fluorene	15.78	166	649914	41.875	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	217398	45.669	ng		99
60) Diethylphthalate	15.55	149	661566	39.923	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	367983	40.100	ng		96
62) 4-Nitroaniline	15.79	138	166015	40.968	ng		98
63) Azobenzene	16.06	77	661105	41.429	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	91878	42.474	ng		97
66) n-Nitrosodiphenylamine	15.98	169	584085	42.935	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	248220	40.566	ng		98
68) Hexachlorobenzene	16.79	284	253107	38.711	ng		99
69) Atrazine	16.93	200	222310	46.928	ng		98
70) Pentachlorophenol	17.12	266	338649	87.310	ng		95
71) Phenanthrene	17.52	178	1012414	41.875	ng		98
72) Anthracene	17.61	178	1037616	42.958	ng		100
73) Carbazole	17.87	167	978006	42.601	ng		98
74) Di-n-butylphthalate	18.44	149	1124507	40.890	ng		99
75) Fluoranthene	19.52	202	1349174	43.058	ng		99
77) Benzidine	19.69	184	647545	42.978	ng		99
78) Pyrene	19.88	202	1368133	40.522	ng		99
80) Butylbenzylphthalate	20.78	149	550218	40.267	ng		100
81) Benzo(a)anthracene	21.74	228	1387923	40.477	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	397672	29.844	ng		100
83) Chrysene	21.80	228	1328165	40.893	ng		100
84) Bis(2-ethylhexyl)phthalate	21.66	149	776558	41.593	ng		98
85) Di-n-octyl phthalate	22.90	149	1328915	41.753	ng		99
86) Indeno(1,2,3-cd)pyrene	28.76	276	1662780	41.341	ng	#	94
88) Benzo(b)fluoranthene	23.99	252	1469187	42.387	ng		98
89) Benzo(k)fluoranthene	24.06	252	1384829	42.295	ng		98
90) Benzo(a)pyrene	24.88	252	1414761	43.591	ng		99
91) Dibenzo(a,h)anthracene	28.84	278	1367369	42.835	ng		99
92) Benzo(g,h,i)perylene	29.92	276	1356107	43.554	ng		99

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

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