Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
Data File : BG041169.D
Acq On : 10 Jun 2019 18:54
Operator : HP/JU
Sample : PB120476BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Manual Integrations APPROVED
mohammad
6/14/2019 8:40:02 AM

Quant Time: Jun 11 05:03:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	41406	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	175306	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	127309	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	317766	20.00	ng	0.00
76) Chrysene-d12	21.76	240	313908	20.00	ng	0.00
87) Perylene-d12	25.09	264	314703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	365741	159.28	ng	0.00
7) Phenol-d6	7.26	99	549823	155.04	ng	0.01
23) Nitrobenzene-d5	9.29	82	367530	93.07	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	284245	150.39	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	858178	97.08	ng	0.00
79) Terphenyl-d14	20.08	244	1464643	99.03	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	35539	34.107	ng	# 93
3) Pyridine	3.91	79	103202	33.472	ng	98
4) n-Nitrosodimethylamine	3.83	42	63781	44.573	ng	92
6) Aniline	7.43	93	93981	19.854	ng	100
8) 2-Chlorophenol	7.66	128	131080	47.882	ng	96
9) Benzaldehyde	7.25	77	44312	20.947	ng	91
10) Phenol	7.29	94	180967	47.593	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	117478	42.589	ng	98
12) 1,3-Dichlorobenzene	7.99	146	136136	41.637	ng	97
13) 1,4-Dichlorobenzene	8.14	146	138098	41.727	ng	99
14) 1,2-Dichlorobenzene	8.46	146	134859	41.967	ng	97
15) Benzyl Alcohol	8.35	79	148616	45.303	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.63	45	179459	39.814	ng	99
17) 2-Methylphenol	8.54	107	127837	46.434	ng	98
18) Hexachloroethane	9.19	117	51543	40.408	ng	93
19) n-Nitroso-di-n-propylamine	8.92	70	114653	42.012	ng	98
20) 3+4-Methylphenols	8.87	107	170648	44.748	ng	95
22) Acetophenone	8.94	105	217138	44.155	ng	97
24) Nitrobenzene	9.33	77	177239	44.043	ng	99
25) Isophorone	9.84	82	315227	41.946	ng	98
26) 2-Nitrophenol	10.04	139	79627	47.997	ng	89
27) 2,4-Dimethylphenol	10.08	122	140552	51.297	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	172385	42.501	ng	100
29) 2,4-Dichlorophenol	10.57	162	161235	46.340	ng	95
30) 1,2,4-Trichlorobenzene	10.78	180	170709	43.129	ng	98
31) Naphthalene	10.98	128	415331	44.126	ng	98
32) Benzoic acid	10.24	122	99198m	46.805	ng	
33) 4-Chloroaniline	11.10	127	42714	9.781	ng	96
34) Hexachlorobutadiene	11.24	225	122795	40.545	ng	97
35) Caprolactam	11.89	113	45353m	39.472	ng	
36) 4-Chloro-3-methylphenol	12.20	107	178416	44.899	ng	98
37) 2-Methylnaphthalene	12.58	142	319246	44.039	ng	99
38) 1-Methylnaphthalene	12.79	142	307205	44.971	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	236799	46.148	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	275978	97.990	ng		98
43) 2,4,6-Trichlorophenol	13.18	196	152833	46.042	ng		94
44) 2,4,5-Trichlorophenol	13.25	196	163545	46.716	ng		98
46) 1,1'-Biphenyl	13.57	154	434728	46.132	ng		100
47) 2-Chloronaphthalene	13.62	162	360413	44.550	ng		99
48) 2-Nitroaniline	13.83	65	130500	44.964	ng		93
49) Acenaphthylene	14.47	152	558834	45.896	ng		99
50) Dimethylphthalate	14.19	163	463293	42.990	ng		100
51) 2,6-Dinitrotoluene	14.32	165	103768	44.659	ng		98
52) Acenaphthene	14.80	154	326704	44.292	ng		98
53) 3-Nitroaniline	14.66	138	55862	24.042	ng		99
54) 2,4-Dinitrophenol	14.86	184	138496	102.266	ng		92
55) Dibenzofuran	15.14	168	566772	45.665	ng		97
56) 4-Nitrophenol	14.96	139	155712	97.705	ng		96
57) 2,4-Dinitrotoluene	15.10	165	150087	45.727	ng	#	97
58) Fluorene	15.78	166	447591	45.283	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	166877	48.505	ng		98
60) Diethylphthalate	15.54	149	463995	42.189	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	281016	43.740	ng		98
62) 4-Nitroaniline	15.82	138	104832	42.618	ng		97
63) Azobenzene	16.06	77	437887	43.806	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	95459	54.618	ng		98
66) n-Nitrosodiphenylamine	15.99	169	403623	45.185	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	183666	42.829	ng		98
68) Hexachlorobenzene	16.78	284	193124	42.292	ng		98
69) Atrazine	16.93	200	165184	47.924	ng		98
70) Pentachlorophenol	17.12	266	235073	95.239	ng		95
71) Phenanthrene	17.53	178	758126	45.803	ng		99
72) Anthracene	17.62	178	778970	47.717	ng		100
73) Carbazole	17.89	167	671549	47.943	ng		100
74) Di-n-butylphthalate	18.42	149	773383	44.424	ng		99
75) Fluoranthene	19.53	202	965711	47.236	ng		99
77) Benzidine	19.71	184	186413	24.894	ng		95
78) Pyrene	19.89	202	969628	47.517	ng		99
80) Butylbenzylphthalate	20.75	149	361184	45.482	ng		98
81) Benzo(a)anthracene	21.74	228	937823	44.881	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	162157	22.064	ng		96
83) Chrysene	21.81	228	926757	46.346	ng		97
84) Bis(2-ethylhexyl)phthalate	21.61	149	487424	43.602	ng		100
85) Di-n-octyl phthalate	22.85	149	827829	44.464	ng		99
86) Indeno(1,2,3-cd)pyrene	28.90	276	898397	36.677	ng		98
88) Benzo(b)fluoranthene	24.02	252	904745	47.399	ng		100
89) Benzo(k)fluoranthene	24.09	252	924068	48.922	ng		98
90) Benzo(a)pyrene	24.93	252	889846	48.863	ng		96
91) Dibenzo(a,h)anthracene	28.98	278	726393	39.919	ng		99
92) Benzo(g,h,i)perylene	30.13	276	712769	40.318	ng		98

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

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