Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
Data File : BG041084.D
Acq On : 6 Jun 2019 10:30
Operator : HP/JU
Sample : PB120328BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120328BS

Manual Integrations APPROVED
mohammad
6/7/2019 2:12:50 PM

Quant Time: Jun 06 23:26:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	40304	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	140506	20.00	ng		-0.01
39) Acenaphthene-d10	14.74	164	95465	20.00	ng		-0.01
64) Phenanthrene-d10	17.49	188	244335	20.00	ng		-0.01
76) Chrysene-d12	21.77	240	273395	20.00	ng		-0.02
87) Perylene-d12	25.10	264	301060	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	283265	126.73	ng		0.00
7) Phenol-d6	7.26	99	376130	108.96	ng		0.00
23) Nitrobenzene-d5	9.29	82	263979	83.41	ng		-0.01
42) 2,4,6-Tribromophenol	16.23	330	186696	131.73	ng		-0.01
45) 2-Fluorobiphenyl	13.36	172	577686	87.14	ng		-0.02
79) Terphenyl-d14	20.08	244	1088374	84.49	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	41835	41.247	ng		95
3) Pyridine	3.92	79	111336	37.098	ng		95
4) n-Nitrosodimethylamine	3.84	42	61936	44.467	ng		90
6) Aniline	7.44	93	108466	23.541	ng		98
8) 2-Chlorophenol	7.67	128	113805	42.709	ng		97
9) Benzaldehyde	7.25	77	40265	19.554	ng	#	81
10) Phenol	7.28	94	150661	40.707	ng		97
11) bis(2-Chloroethyl)ether	7.53	93	105934	39.454	ng		95
12) 1,3-Dichlorobenzene	8.00	146	131948	41.459	ng		98
13) 1,4-Dichlorobenzene	8.15	146	133325	41.386	ng		93
14) 1,2-Dichlorobenzene	8.46	146	125062	39.983	ng		97
15) Benzyl Alcohol	8.35	79	125528	39.312	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	166977	38.058	ng		98
17) 2-Methylphenol	8.55	107	100533	37.515	ng		98
18) Hexachloroethane	9.20	117	50899	40.994	ng		96
19) n-Nitroso-di-n-propylamine	8.92	70	95696	36.024	ng		98
20) 3+4-Methylphenols	8.87	107	137853	37.137	ng		99
22) Acetophenone	8.94	105	185601	47.090	ng	#	98
24) Nitrobenzene	9.33	77	151218	46.883	ng		100
25) Isophorone	9.84	82	264505	43.914	ng		98
26) 2-Nitrophenol	10.04	139	66783	50.225	ng		95
27) 2,4-Dimethylphenol	10.09	122	111025	50.557	ng		97
28) bis(2-Chloroethoxy)methane	10.33	93	140200	43.127	ng		99
29) 2,4-Dichlorophenol	10.57	162	122930	44.081	ng		94
30) 1,2,4-Trichlorobenzene	10.79	180	143913	45.364	ng		97
31) Naphthalene	10.98	128	342908	45.455	ng		98
32) Benzoic acid	10.21	122	55948	35.345	ng		92
33) 4-Chloroaniline	11.10	127	84774	24.219	ng		99
34) Hexachlorobutadiene	11.25	225	107409	44.249	ng		98
35) Caprolactam	11.87	113	39470	42.860	ng		99
36) 4-Chloro-3-methylphenol	12.20	107	138734	43.560	ng		98
37) 2-Methylnaphthalene	12.58	142	253407	43.614	ng		99
38) 1-Methylnaphthalene	12.80	142	243360m	44.448	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	186342	48.429	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	225845	106.186	ng		99
43) 2,4,6-Trichlorophenol	13.18	196	116942	46.981	ng		98
44) 2,4,5-Trichlorophenol	13.25	196	123759	47.143	ng		97
46) 1,1'-Biphenyl	13.58	154	335988	47.547	ng		98
47) 2-Chloronaphthalene	13.63	162	277661	45.770	ng		98
48) 2-Nitroaniline	13.83	65	98601	45.306	ng		97
49) Acenaphthylene	14.47	152	430042	47.100	ng		99
50) Dimethylphthalate	14.19	163	357132	44.193	ng		99
51) 2,6-Dinitrotoluene	14.32	165	80365	46.124	ng		96
52) Acenaphthene	14.81	154	254800	46.066	ng		97
53) 3-Nitroaniline	14.66	138	55762	32.005	ng		98
54) 2,4-Dinitrophenol	14.86	184	88226	91.488	ng		97
55) Dibenzofuran	15.14	168	436529	46.903	ng		98
56) 4-Nitrophenol	14.95	139	122438	102.453	ng		92
57) 2,4-Dinitrotoluene	15.10	165	116758	47.439	ng		98
58) Fluorene	15.78	166	337461	45.529	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	128005	49.617	ng		98
60) Diethylphthalate	15.54	149	360568	43.721	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	214939	44.615	ng		95
62) 4-Nitroaniline	15.82	138	80844	43.829	ng		92
63) Azobenzene	16.07	77	337023	44.962	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	68679	51.658	ng		98
66) n-Nitrosodiphenylamine	15.99	169	311264	45.317	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	137924	41.828	ng		98
68) Hexachlorobenzene	16.78	284	146400	41.695	ng		98
69) Atrazine	16.93	200	134237	50.650	ng		98
70) Pentachlorophenol	17.12	266	184067	96.908	ng		97
71) Phenanthrene	17.53	178	591879	46.506	ng		99
72) Anthracene	17.62	178	617584	49.201	ng		98
73) Carbazole	17.89	167	535125	49.685	ng		100
74) Di-n-butylphthalate	18.42	149	614196	45.883	ng		99
75) Fluoranthene	19.53	202	809076	51.468	ng		99
77) Benzidine	19.72	184	286157	43.876	ng		97
78) Pyrene	19.90	202	814065	45.805	ng		98
80) Butylbenzylphthalate	20.76	149	305465	44.166	ng		99
81) Benzo(a)anthracene	21.75	228	820781	45.101	ng		98
82) 3,3'-Dichlorobenzidine	21.66	252	196096	30.635	ng		99
83) Chrysene	21.81	228	813357	46.703	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	429317	44.095	ng		99
85) Di-n-octyl phthalate	22.85	149	753726	46.483	ng		100
86) Indeno(1,2,3-cd)pyrene	28.93	276	994639	46.623	ng	#	96
88) Benzo(b)fluoranthene	24.03	252	841171	46.065	ng		100
89) Benzo(k)fluoranthene	24.10	252	831094	45.993	ng		98
90) Benzo(a)pyrene	24.94	252	820533	47.099	ng		96
91) Dibenzo(a,h)anthracene	28.99	278	814670	46.799	ng		99
92) Benzo(g,h,i)perylene	30.14	276	823340	48.683	ng		97

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

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